

ASTIA 269201
AS AD NO.

**BIBLIOGRAPHY ON VACCINIA,
VARIOLA, AND ANIMAL POX
SUPPLEMENT, 1956 - 1960**

SEPTEMBER 1961

XEROX

62-1-6

**TECHNICAL INFORMATION DIVISION
DIRECTOR OF TECHNICAL SERVICES**

**U.S. ARMY CHEMICAL CORPS
BIOLOGICAL LABORATORIES
FORT DETRICK**

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

U.S. ARMY CHEMICAL CORPS RESEARCH AND DEVELOPMENT COMMAND
U.S. ARMY BIOLOGICAL LABORATORIES
Fort Detrick, Maryland

BIBLIOGRAPHY ON VACCINIA, VARIOLA, AND ANIMAL POX
SUPPLEMENT, 1956 - 1960

September 1961

Technical Library Branch
Technical Information Division
DIRECTOR OF TECHNICAL SERVICES

ASTIA AVAILABILITY NOTICE

Qualified requestors may obtain copies of this document from ASTIA.

This publication has been cleared for release to the general public. Non DOD agencies may purchase this publication from the Library of Congress, Photo-duplication Services, Publications Board Project, Washington 25, D. C.

INTRODUCTION

This bibliography is a supplement to the Bibliography on Vaccinia, Variola, and Animal Pox published in March 1956. A few earlier references have been included. The main sources of references were: Abstracts of Soviet Medicine, Part B; Abstracts of World Medicine; Biological Abstracts; Bulletin of Hygiene; Chemical Abstracts; Current Contents; Current List of Medical Literature; Excerpta Medica Sections IV and VI; Index Medicus; Index Veterinarius; Quarterly Cumulative Index Medicus 1956; and Veterinary Bulletin.

References marked with an asterisk (*) are available for on-post loan from the Fort Detrick Technical Library. This bibliography is kept up to date by adding current references as they are published. The complete bibliography is available in the Technical Library.

A

- 1 Akhmedov, A.M.; Mikailov, M.G.; and Dzhahbarov, D.:
"Epidemiological Relationship Between Vaccinal Pox in Man and Cowpox," Zhur Mikrobiol Epidemiol Immunobiol, 31:90-91, May 1960.
(In Russian)

Index Medicus, 1:11:A-1222, November 1960.

- 2 * Allison, A.C., and Valentine, R.C.:
"Virus Particle Adsorption. II. Adsorption of Vaccinia and Fowl Plague Viruses to Cells in Suspension," Biochim et Biophys Acta, 40:3:393-399, June 1960.

- 3 Allsop, P.A.; Downie, A.W.; and Dumbell, K.R.:
"Studies on a Variant of Cowpox Virus," Abstracts Proc VII Intern Congr Microbiol (Stockholm), p. 263, 1958.
Vet Bull, 29:704, 1959.

- 4 Alonso, L.:
"Effect of Chemical Agents on Viruses and Experiments with Vaccinia Virus Cultured in Hen Eggs," Microbiol espan, 10:2:159-200, April-June 1957.
Curr List Med Lit, 33:3:26062, March 1958.

- 5 * Andersen, E.K.:
"Tests for Non-toxicity, Purity and Activity of Smallpox Vaccines," Bull Pan-Am Sanit Bur, 42:2:147-152, February 1957.

- 6 Andres, K.H.; Lieske, H.; Lippelt, H.; Mannweiler, E.; Nielsen, G.; Peters, D.; and Seelemann, K.:
"Variola; Clinical Picture, Epidemiology and Laboratory Diagnosis of a Case of Varioloid Introduced from the Air Passages," Deut med Wochschr, 83:1:12-17, 3 January 1958.
Curr List Med Lit, 33:5:44099, May 1958.

7

- * Armitage, P.:
"Studies in the Variability of Pock Counts," J Hyg, 55:4:564-581, December 1957.

B

- 8 * Batten, P.J.:
"Present Status of Smallpox Vaccination. A Review," U S Armed Forces Med J, 11:8:876-883, August 1960.

- 9 * Beaudette, Fred Robert:
"Some Aspects of Fowl-Pox and Its Control," J Am Vet Med Assoc, 75:563-577, November 1929.

- 10 Beaudette, Fred Robert:
"The Identity of Canary Pox and 'Schnappkrankheit' with Notes on Vaccination and Modification of the Virus," Proc 57th Ann Meeting U S Live Stk Sanit Assoc, pp. 249-272, 1953.
Index Veterinarius, 22:1:19, January-March 1954.

- 11 Beaudette, F.R.:
"The Reasons for Failures in Immunization Against Laryngotracheitis and Pox," Proc 45th Ann Meeting U S Live Stk Sanit Assoc, 45:127-141, 1941.
Biol Abstr, 16:22836, 1942.

- 12 * Beaudette, F.R., and Hudson, C.B.:
"Cultivation of Pigeon-Pox Virus on the Chorio-allantoic Membrane," J Am Vet Med Assoc, 93:146-150, July-December 1938.

- 13 * Beaudette, Fred Robert, and Hudson, C.B.:
"Egg Propagation of Turkey Pox Virus,"
New Jersey Agricultural Experiment Sta-
tion, New Brunswick, Poultry Sci, 20:1:
79-82, 1941.
- 14 * Beaudette, Fred Robert; Miller, B.R.;
Bivins, J.A.; and Hudson, C.B.:
"The Viability of Dried Viruses of
Avian Origin," Am J Vet Research, 9:190-
194, April 1948.
- 15 * Bektemirov, T.A., and Mastiukova, Iu N.:
"Effect of Internal Irradiation on
Experimental Virus and Rickettsial In-
fections. I. Effect of Radioactive
Phosphorus on the Susceptibility and
Immunity of White Mice to Vaccinia
Virus," Problems Virol, 5:2:240-244,
1960.
(In English)
- 16 * Belyaev, A.A.:
"Thermo-stable Smallpox Vaccine (Pre-
liminary Report)," (Journal title un-
known). Fort Detrick Translation 101.
7 pp.
(In Russian)
- 17 Benard, H.; Merklen, F.P.; and
Melki, G.R.:
"Vaccinal Elements of the Chin Produced
by Interhuman Infection of Rapidly
Impetiginous Aspect," Bull soc franc
dermatol syphilis, 5:484-486, November-
December 1955.
Curr List Med Lit, 30:3:24694, July-
December 1956.
- 18 Bernard, H.; Tissier, M.; and
Galistin, P.:
"Action of Certain Corticosteroids on
the Development of the Vaccine in the
Incubated Chick Egg," Compt rend soc
biol, 154:259-262, 1960.
(In French)
Index Medicus, 1:11:S-2915, November
1960.
- 19 * Bernkopf, H.; Nishimi, M.; and Rosin, A.:
"Effect of Active and Inactive Vac-
cinia Virus Preparations on Human Amnion
Cell Cultures," J Immunol, 83:6:635-639,
December 1959.
- 20 * Beunders, Bart J.W.; Driessen, Jaap H.;
and Hoek, Chris van den:
"Clinical Picture and Serological Re-
sponse to Vaccination with Formalized
Vaccinia Virus Followed by Scarification
with Active Vaccine in Military Person-
nel," Arch ges Virusforsch, 10:3:382-
394, 1960.
- 21 Bjornberg, R., and Bjornberg, A.:
"Secondary Rash in Cowpox," Svenska
Lakartidn, 53:11:655-662, 1956.
Bull Hyg, 31:7:696, 1956.
- 22 Bobrowa-Porwit, Z.; Chlap, Z.;
Kowalczykowska, J.; and Przybylkiewicz, Z.:
"Cytopathology of HeLa Strain Cancer
Cells (Carcinoma cervicis Gey) Resulting
from the Activity of Vaccinia Virus:
Observations on Tissue Culture in vitro,"
Patol Polska, 9:2:163-173, April-June
1958.
(In Polish)
Curr List Med Lit, 35:20190, January-
June 1959.
- 23 Boquien, Y.; Hervouet, D.; Dauphin, G.;
Lhermitte, R.; and Robin, C.:
"A Case of Stevens-Johnson Disease
Following Vaccination Against Smallpox,"
Presse Med, 65:41:956-958, 1957.
Excerpta Med, VI:12:1:3293, 1958.
- 24 Bose, K.S.:
"Osteo-articular Lesions in Smallpox,"
J Indian Med Assoc, 31:4:151-154, August
1958.
Curr List Med Lit, 35:17423, January-
June 1959.
- 25 Boulter, E.A.:
"The Titration of Vaccinial Neutraliz-
ing Antibody on Chorio-allantoic Mem-
branes," J Hyg, 55:4:502-512, December
1957.
Curr List Med Lit, 33:4:34897, April
1958.

- 26 Bousser, J.; Christol, D.; and Quichaud, J.:
"Local and General Complications of Smallpox Vaccination in Leukaemic Patients," Presse Med, 63:86:1797-1798, 1955.

Excerpta Med, VI:10:2:6017, 1956.
- 27 Brauss, F.W.:
"Experimental Studies of the Influence of Antibiotics on the Vaccinia Virus. Contribution to Vaccination Problems," Arch Hyg u Bakteri, Berl, 140:4:276-280, 1956.

Excerpta Med, IV:10:2:2036, 1957.
- 28 * Briody, Bernard A.:
"Response of Mice to Ectromelia and Vaccinia Viruses," Bacteriol Rev, 23:2: 61-95, 1959.
- 29 Brody, J.A.; Karim, A.B.M.F.; and Ahmed, M.K.:
"Field Evaluation of Dry Smallpox Vaccine and Aging Glycerinated Vaccine in East Pakistan," Pakistan J Health, 9:4: 204-211, January 1960.

Bull Hyg, 35:8:788, August 1960.
- 30 * Brown, Arthur; Elsner, Virginia R.; and Officer, Julius E.:
"Qualitative and Quantitative Observations on the Growth and Passage of Variola Virus in Mouse Brain," Bacteriol Proc, 1960. p. 124.
- 31 * Brown, A.; Mayyasi, S.A.; and Officer, J.E.:
"The Toxic Activity of Vaccinia Virus in Tissue Culture," J Infectious Diseases, 104:2:193-202, March-April 1959.
- 32 * Brown, Arthur; Mayyasi, Sami A.; and Officer, Julius E.:
"The Agglutination of L Cells by Vaccinia Virus. II. The Cell Virus Interaction Related to the Agglutination Reaction," J Immunol, 83:5:521-528, November 1959.
- 33 Brown, C.M.:
"Smallpox Immunization," Practitioner, 183:253-257, September 1959.

Index Medicus, 1:2:A-84, February 1960.
- 34 * Bugbee, L.M.; Like, A.A.; and Stewart, R.B.:
"The Effects of Cortisone on Intradermally Induced Vaccinia Infection in Rabbits," J Infectious Diseases, 106: 166-173, March-April 1960.
- 35 Bureau, Y.; Barriere, H.; and Brunfau, Y.:
"Cutaneous Complications of Smallpox Vaccination," Semaine hop, Paris, 31: 75:405-410, 1955.

Excerpta Med, VI:10:2:6015, 1956.
- 36 * Burnet, F.M.:
"Smallpox and Vaccination." In Viruses and Man, Penguin Books, Inc., Second Edition, 3300 Clipper Mill Road, Baltimore 11, Maryland, 1955. pp. 159-172.
- 37 * Cabasso, V.J.; Rueggsegger, J.M.; and Moore, I.F.:
"Further Clinical Studies with Smallpox Vaccine of Chick-Embryo Origin," Am J Hyg, 68:3:251-257, November 1958.
- 38 * Cairns, J.:
"The Initiation of Vaccinia Infection," Virology, 11:3:603-623, July 1960.

- 39 Cajal, N., and Nastac, E.:
"Evolution of the Guerin T8 Epithelioma in Rats Immunized Against Vaccinia," Stud Cercet Inframicrobiol, 10:417-424, 1959.
(In Rumanian)
Index Medicus, 1:8:A-857, August 1960.
- 40 Campillo, C.:
"Study of the Virus of Anti-Smallpox Vaccine Cultured in Tissues. Its Use in the Preparation of a Vaccine," Gac med Mex, 89:437-449, May 1959.
(In Spanish)
Index Medicus, 1:2:A-86, January 1960.
- 41 * Campillo, Sainz C., and Negrete, Ana M.:
"Smallpox Vaccine Prepared in Rabbit Kidney Tissue Culture," Bull Pan-Am Sanit Bur, 47:3:228-231, September 1959.
(In Spanish)
- 42 * Cangemi, V.F.:
"Acute Pericarditis after Smallpox Vaccination," New Engl J Med, 258:25:1257-1259, 19 June 1958.
- 43 Carminati, G.M.:
"Serial Transversion of Vaccinia Virus in Newborn Mice," Boll soc ital biol sper, 32:9:926-928, 1956.
Excerpta Med, IV:11:952, 1958.
- 44 * Carrere, L.; Mandin, J.; and Pourquier, M.:
"Propagation of Vaccinia Virus in Tissue Cultures. Cytological Studies," Ann inst Pasteur, 98:5:682-687, 1960.
- 45 * Carrere, L.; Mandin, J.; and Pourquier, M.:
"Propagation of Vaccinia Virus in Tissue Culture. General Study," Ann inst Pasteur, 98:3:335-343, March 1960.
- 46 Carson, M.J., and Donnell, G.N.:
"Vaccinia Gangrenosa; a Case in a Child with Hypogammaglobulinemia," Calif Med, 85:5:335-339, November 1956.
Quarterly Cumulative Index Medicus, 60:403, July-December 1956.
- 47 * "Case of Smallpox in Liverpool," Lancet, 1:686, 29 March 1958.
- 48 * Cassel, W.A.:
"Multiplication of Vaccinia Virus in the Ehrlich Ascites Carcinoma," Virology, 3:3:514-526, June 1957.
- 49 * Cassel, W.A., and Fater, B.:
"Vaccinia Virus Hemagglutinin Inhibitor in Ascitic Fluids," Virology, 7:4:467-469, April 1959.
- 50 * Cassel, William A., and Fater, Barbara:
"Nonspecific Inhibition of Vaccinia Hemagglutination," Science, 126:301-302, 16 August 1957.
- 51 Cavallero, F., and Meloni, G.A.:
"Cytopathological Research on the Action of Vaccinia Virus on Four Cell Strains in Stable Culture," Pathologica, 51:231-240, May-June 1959.
(In Italian)
Index Medicus, 1:1:A-11, January 1960.
- 52 Cavallero, F., and Meloni, G.A.:
"Cytopathological Study of the Action of Vaccinia Virus Developed on Four Strains of Stable Cells in Continuous Culture," Pathologica (Genova), 51:777-778:231-240, 1959.
Excerpta Med, IV:13:5:1724, May 1960.

- 53 Chakravorthy, S.:
"Smallpox in North Kedah (1946-1947)," Med J Malaya, 12:3:515-530, March 1958.
Curr List Med Lit, 34:5:57791, November 1958.
- 54 Chassagne, P., and Gervais, P.:
"French Statistics Concerning Vaccination Against Small-Pox, Year 1955," Bull inst natl Hyg (Paris), 12:3:663-665; 869-876, 1957.
Biol Abstr, 32:41369-41370, 1958.
- 55 Cocchi, P.:
"Research on Antiviral Chemotherapy.
I. Results of the Use of 6-Mercaptopurine, Aminopterin, Triethylene Melamine and Thiosemicarbazone in Experimental Infection with Smallpox Vaccine in Rabbits," Riv clin pediat, 57:2:238-249, February 1956.
Curr List Med Lit, 30:5:59893, November 1956.
- 56 Cocchi, P., and Acocella, M.:
"Cultivation of Vaccinia Virus on Human Tissue Culture, Strain KB," Riv clin pediat, 63:4:323-334, 1959.
Excerpta Med, IV:13:5:1722, May 1960.
- 57 * Cockburn, W.C.; Cross, R.M.; Downie, A.W.; Dumbell, K.R.; Kaplan, C.; McClean, D.; and Payne, A.M.M.:
"Laboratory and Vaccination Studies with Dried Smallpox Vaccines," Bull World Health Organization, 16:1:63-77, 1957.
- 58 Cohen, W.B., and Longobardi, A.:
"Eczema Vaccination," Rhode Island Med J, 43:518-519, August 1960.
Index Medicus, 1:12:A-1370, December 1960.
- 59 Costachel, O.; Nastac, E.; and Ilie, B.:
"Influence of Vaccinia Virus Associated with Necrosis on the Evolution of the Guerin T8 Epithelioma in Rats," Stud Cercet Inframicrobiol, 10:425-432, 1959. (In Rumanian)
Index Medicus, 1:8:A-863, August 1960.
- 60 * "Cowpox with a Secondary Rash," J Am Med Assoc, 161:552, May-August 1956.
- 61 Cramblett, H.G.; Szwed, C.F.; Utz, J.P.; Kasel, J.A.; and McCullough, N.B.:
"Accidental Infection with Vaccinia Virus. A Case Report Illustrating Laboratory Studies and Problems of Vaccination," Pediatrics, 20:6:1020-1032, December 1957.
Curr List Med Lit, 33:3:27287, March 1958.
- 62 Crisalli, M., and Terragna, A.:
"Influence of Cortisone on Smallpox Vaccination in the Rabbit," Minerva pediat (Torino), 8:11:311-317, 1956.
Excerpta Med, VI:11:2:5704, 1957.
- 63 * Cross, R.M.:
"Vaccination Technique and the Control of Smallpox Epidemics," Lancet, 23:1092-1093, May 1959.
- 64 * Cross, R.M.; Kaplan, C.; and McClean, D.:
"The Heat Resistance of Dried Smallpox Vaccine," J Am Med Assoc, 164:7:807, 1957.
- 65 * Cross, R.M.; Kaplan, C.; and McClean, D.:
"Studies with Dried and Glycerinated Smallpox Vaccines of Full and Diminished Potencies," Bull World Health Organization, 19:1:123-128, 1958.

- 66 * Cutchins, E., and Warren, J.:
"Comparative Susceptibility of Cell Cultures to Vaccinia Virus: Application to the Standardization of Smallpox Vaccine," Proc Soc Exptl Biol Med, 97:2: 456-462, 1958.
- 67 * Cutchins, Ernest; Warren, Joel; and Jones, William P.:
"The Antibody Response to Smallpox Vaccination as Measured by a Tissue Culture Plaque Method," J Immunol, 85:3: 275-283, September 1960.
- D
- 68 Datt, N.S., and Orlans, E.S.:
"The Immunological Relationship of the Vaccinia and Pig Pox Viruses Demonstrated by Gel Diffusion," J Immunol, 1:1:81-86, January 1958.
Curr List Med Lit, 34:1:5489, July 1958.
- 69 * Dawson, Frederick W.; Janssen, Robert J.; and Hoffman, Robert K.:
"Virucidal Activity of Beta-Propiolactone Vapor. II. Effect on the Etiological Agents of Smallpox, Yellow Fever, Psittacosis, and Q Fever," Appl Microbiol, 8:1:39-41, January 1960.
- 70 De Angelis, P.:
"Schoenlein-Henoch Syndrome and Acute Encephalopathy Following Smallpox Vaccination," Pediatrics (Nap), 68:308-313, 15 April 1960.
(In Italian)
Index Medicus, 1:10:A-1113, October 1960.
- 71 De Burgh, P.M.; Hoyle, A.R.; and Metcalf, D.J.:
"Nucleoproteins in Virus Infection," Australian J Sci, 13:82, 1950.
Chem Abstr, 45:34921, 1951.
- 72 DeJean, Viallefont, and Boudet, Boulad:
"A Case of Occular Vaccinia," Bull soc ophthalmol France, 4:282-284, April 1959.
(In French)
Index Medicus, 1:1:A-15, January 1960.
- 73 * de La Fuente, E.A.:
"Report on the Smallpox Vaccination Campaign, Effectuated During the Period October 1950 - December 1955," Bull Pan-Am Sanit Bur, 42:2:160-166, 1957.
- 74 * de Lavergne, E.; Gilgenkrantz, S.; and Le Moyné, M.T.:
"Cytopathogenic Effect of the Vaccine Virus in HeLa and KB Cell Cultures," Compt rend soc biol, 153:5:819-822, 1959.
(In French)
- 75 de Vasconcellos, C.; Saad, E.A.; and Silva, J.R.:
"Antismallpox Immunization with Lyophilized Vaccine. Preliminary Note," Hospital (Rio de Janeiro), 57:405-414, March 1960.
Index Medicus, 1:10:A-1210, October 1960.
- 76 Dixon, C.W.:
"The Diagnosis of Smallpox," N Grayshaw Lumby, Leeds, 32 Hyde Terrace, 1951.
12 pp.
(Booklet)
Bull Hyg, 26:7:657, July 1951.
- 77 * Dosch, F., and Moritsch, H.:
"Virological Examinations in Connection with a Laboratory Infection with Cowpox," Zentr Bakteriell Parasitenk Abt I Orig, 166:7/8:517-528, 1956.
- 78 * Downie, A.W., and McCarthy, K.:
"The Antibody Response in Man Following Infection with Viruses of the Pox Group. III. Antibody Response in Smallpox," J Hyg, 56:4:479-487, December 1958.

- 79 Driessen, J.H., and Greenham, L.W.:
"Haemadsorption in Vaccinia-Infected
Tube Tissue Cultures," Arch ges Virus-
forsch, 9:1:45-55, 1959.
Bull Hyg, 34:11:1187, November 1959.
- 80 Duhamel, Y.; Leroux, A.; and Daguin, M.:
"The Pulmonary X-ray Picture in the
Course of Smallpox," Bull soc med hop
Paris, 72:9-11:283-288, 1956.
Excerpta Med, VI:11:2:5702, 1957.
- 81 * Dumbell, K.R.; Downie, A.W.; and
Valentine, R.C.:
"The Ratio of the Number of Virus
Particles to Infective Titer of Cowpox
and Vaccinia Virus Suspensions,"
Virology, 4:467-482, 1957.
- 82 Dzhavadov, R.B.:
"On the Problem of the Immunoprophylaxis of Smallpox," Zhur Mikrobiol
Epidemiol Immunobiol, 31:138-139, April
1960.
(In Russian)
Index Medicus, 1:10:A-1118, October 1960.
- 83 Eastwood, J.:
"Smallpox in a General Hospital, 1953.
A Review of Administrative and Clinical
Problems," Med Officer, 94:26:365-373,
1955.
Excerpta Med, VI:10:Pt 2:6014, 1956.
- 84 Ehrengut, W., and Rustow, H.:
"Correlations Between Smallpox Vac-
cination and Poliomyelitis," Off Gesundh
Dienst, 19:2:64-73, 1957.
Excerpta Med, XVII:4:1583, 1958.
- 85 * Epstein, M.A.:
"An Investigation into the Purifying
Effect of a Fluorocarbon on Vaccinia
Virus," Brit J Exptl Pathol, 39:4:436-
446, 1958.
- 86 Etheridge, J.E., Jr., and Waddell,
W.W., Jr.:
"Hyperimmune Vaccinal Gamma Globulin
in the Treatment and Prophylaxis of
Eczema Vaccination. A Report of Three
Cases," Virginia Med Monthly, 87:386-
389, July 1960.
Index Medicus, 1:11:A-1254, November
1960.
- 87 Ezhich, J.; Gall-Palla, V.;
Palikovich, U.:
"Biological Considerations of Smallpox
Infection Mechanism," Veterinariya
(Jugosl), 6:1:127-138, 1957.
Referat Zhur Biol, 8:33624, 1958.
- 88 * Fenner, F.:
"The Biological Characters of Several
Strains of Vaccinia, Cowpox and Rabbit-
pox Viruses," Virology, 5:502-529, 1958.
- 89 * Fenner, Frank:
"Genetic Studies with Mammalian Pox-
viruses. II. Recombination Between Two
Strains of Vaccinia Virus in Single HeLa
Cells," Virology, 8:4:499-507, August
1959.
- 90 * Fenner, F., and Burnet, F.M.:
"A Short Description of the Poxvirus
Group (Vaccinia and Related Viruses),"
Virology, 4:2:305-314, October 1957.

E

F

- 91 * Femmer, Frank, and Woodroffe, Geraldyn M.:
"The Reactivation of Poxviruses. II. The Range of Reactivating Viruses," Virology, 11:1:185-201, 1960.
- 92 Fox, M.J., and Pica, V.B.:
"Treatment of Eczema Vaccinatum by Specific Gamma Globulin," Case Report, Wisconsin Med J, 55:9:972-976, September 1956.

Quarterly Cumulative Index Medicus, 60: 6-6, July-December 1956.
- 93 * Frederiksen, H., and Moramoni, S.T.:
"The 1954-1955 Epidemic of Smallpox in Tabriz," Am J Trop Med Hyg, 6:5:853-857, September 1957.
- 94 * Frederiksen, H., and Sheehy, J.P.:
"Smallpox Control by Mass Vaccination with Dried Vaccine," Public Health Repts, 72:2:163-172, February 1957.
- 95 Frederiksen, H.; Torresmunoz, N.; and Jaureguimolina, A.:
"Smallpox Eradication," Public Health Repts, 74:771-778, September 1959.

Index Medicus, 1:2:A-103, February 1960.
- 96 Frenkel, H.S.:
"Culture of Vaccinia Virus in Explanted Epithelial Tissue from Deep Layers of Normal Bovine Tongue Mucosa," Ned Tijdschr Geneesk, 101:51:2413-2416, December 1957.
(In German with English Summary)

Curr List Med Lit, 33:5:47440, May 1958.
- 97 Frenkel, H.S.:
"Two Methods of Culturing Vaccinia Virus on Living Tissue," Arch belges med sociale et hyg, 17:2:128-131, February 1959.

Curr List Med Lit, 36:24585, July-December 1959.
- 98 * Freud, Paul; Maffia, Anthony J.; Mosbach, Richard E.; and Valicenti, Patrick W.:
"Smallpox Vaccination Followed by Acute Renal Failure," A.M.A. J Diseases Children, 99:1:98-100, January 1960.
- 99 * Galloway, W.H., and McBean, Lena M.:
"Generalized Vaccinia," Brit Med J, 2:1102, November 1956.
- 100 Gamba, Suarez y, and Pizarro, Enriqueta:
"Production and Use of Smallpox Vaccine Grown in Chick Embryo," Rev latinoam microbiol, 1:4:297-302, 1958.

Biol Abstr, 34:4:10985, November 1959.
- 101 Garcia-Gancedo, Angel P.; Alonso, M. Luisa; and Gallardo, Eduardo:
"Experiments with Indoyl-3-Acetic Acid on Fixed Rabies, Poliomyelitis, Vaccinia and Western Equine Encephalitis Viruses, in vitro and in vivo," Microbiol espan, 13:1:49-57, 1960.
(English Summary)

Biol Abstr, 36:5:14764, March 1961.
- 102 Garcia-Gancedo, A., and Sierra, G.:
"In vitro Action of 1-Phenazinecarboxamide on Western Equine Encephalitis, Poliomyelitis, Fixed Rabies and Vaccinia Viruses," Antonie van Leeuwenhoek J Microbiol Serol, 25:349-352, 1959.
(In French)

Index Medicus, 1:6:A-588, June 1960.

- 103 Gaylord, William H., Jr.:
"The Intracellular Development of Vaccinia Virus," Biological Sciences, Bacteriology and Microbiology, Yale University, 1953.
Doctoral Dissertations, 20:106, 1952-1953.
- 104 * Gebhard, W.H., and Anderson, H.D.:
"Process for the Manufacture of Glycerinated Smallpox Vaccine, Used by the Division of Laboratories of the Health Department of Michigan," Bull Pan-Am Sanit Bur, 42:2:109-125, February 1957.
(In Spanish)
- 105 * "Generalized Vaccinia. Four Cases in One Family," East End London, J Am Med Assoc, 162:9:915, 1956.
- 106 Germanova, K.I., and Koroleva, V.G.:
"The Effect of the Antibiotic Virus in 1609 on Smallpox Virus and Taylor's Virus, Pt.I. of Bioactive Compounds, 2," Trans of Antibiotiki (USSR), 2:3:14-17, 1957.
Tech Trans, 4:1:8, 13 July 1960.
- 107 * Germanova, K.I., and Savel'eva, A.M.:
"The Inhibitory Effect of the New Antibiotics 1212 and 452-7 Upon Vaccinia Virus," Problema Viroi, 4:3:92-97, May-June 1959.
(In English)
- 108 Gil, C.; Garcia-Gancedo, A.P.; Alonso, M.L.; and Gallardo, E.:
"Comparative Study of Various Strains of Vaccinia Virus Cultured on HeLa Cells," Microbiol espan, 12:401-408 cont'd, October-December 1959.
(In Spanish)
Index Medicus, 1:10:A-1129, October 1960.
- 109 Gil, C.; Garcia-Gancedo, A.P.; Alonso, L.; and Gallardo, E.:
"Comparative Study of Various Strains of Vaccinia Virus Cultivated on HeLa Cells," Microbiol espan, 13:311-322 concl, July-September 1960.
(In Spanish)
Index Medicus, 2:3:S-835, March 1961.
- 110 Giordziyauskas, V.I., and Valilevene, D.P.:
"Furacilin in Cleansing Dermal Smallpox Detritus of Foreign Microflora," LietSR Mokslo Akad, darbai, Tr AN LitSSR, B3:11:179-188, 1957.
Referat Zhur Biol, 8:33631, 1958.
- 111 Gispén, R., Lansberg, H.P., and Nanning, W.:
"The Effect of Anti-vaccinia Gamma Globulin on Smallpox Vaccination in View of a Proposed Attempt to Prevent Post-vaccinal Encephalitis," Antonie van Leeuwenhoek J Microbiol Serol, 22:1:89-102, 1956.
Excerpta Med, VI:10:2:6021, 1956.
- 112 Gonzalez, L.B.:
"An Unusual Case of Smallpox," African Med J, 6:4:181-189, December 1957.
Curr List Med Lit, 33:4:39764, April 1958.
- 113 * Gordon, R.R.:
"Gamma Globulin for Generalized Vaccinia," Brit Med J, 2:99, July 1957.
- 114 * Gavallo, V.I.:
"Intensity and Dynamics of Localized and Generalized Reactions in Smallpox Vaccination of Children with Various Typological Aspects of the Nervous System," J Microbiol Epidemiol Immunobiol, 30:12:86-90, December 1959.
(In English)
- 115 * Green, Maurice, and Stahmann, M.A.:
"Virus Inhibition by Some Amino Acid Analogues," Arch Biochem Biophys, 55:1:63-70, 1955.
- 116 Gubler, F.:
"An Antibiotic Against Viruses," Tierraztl Umschau, 11:336-337, 1956.
Vet Bull, 27:148, 1957.

- 117 * Haff, R.F., and Swim, H.E.:
"Serial Propagation of Three Strains of Rabbit Fibroblasts; Their Susceptibility to Infection with Vaccinia Virus," Proc Soc Exptl Biol Med, 93:2:200-204, 1956.
- 118 * Mahon, Nicholas:
"Survival of Variola Virus in Chorio-allantoic Membrane Preparations," J Bacteriol, 78:5:731-733, November 1959.
- 119 * Mahon, Nicholas, and Kozikowski, Edmund:
"Multiplication of Variola and Vaccinia Viruses in L Cells," J Bacteriol, 78:2:290-291, August 1959.
- 120 * Mahon, Nicholas, and Wilson, Benjamin J.:
"Pathogenesis of Variola in Macaca irus Monkeys," Am J Hyg, 71:1:69-80, 1960.

Index Medicus, 2:3:S-835, March 1961.
- 121 Halbrohr, J.G.:
"Observations on 5 Human Cases of Infection by Bovine Pox Virus (Cowpox)," Arch venezolanas patol trop y parasitol med, 3:136-158, July 1959.
(In Spanish)

Index Medicus, 2:3:S-835, March 1961.
- 122 Hall, M.:
"Case of Eczema Vaccinatum and Vaccinia Generalisata," Wien med Wochschr, 105:45:928-929, November 12, 1955.

Quarterly Cumulative Index Medicus, 58:729, July-December 1955.
- 123 * Hanafusa, Hidesaburo:
"Killing of L-Cells by Heat- and UV-Inactivated Vaccinia Virus," Biken's J, 3:2:191-199, 1960.
- 124 * Hanafusa, Teruko; Hanafusa, Hidesaburo; and Kamahara, Juntaro:
"Mode of Appearance of Reactivated Virus in Cells Superinfected with Active Ectromelia and Heat Inactivated Vaccinia Virus," Biken's J, 3:3:259-260, October 1960.
- 125 Hansen, F., and Muller-Rentsch, W.:
"Local and General Reaction to the First Smallpox Vaccination with a Special Reference to Changes in Blood and Bone Marrow," Zschr Kindern, 80:2:190-224, 1957.

Curr List Med Lit, 34:2:23877, August 1958.
- 126 Harger, R.W., and Arata, L.A.:
"Vaccinia Immune Globulin Used for Vaccinia of Eyelids," J Indiana Med Assoc, 53:1321-1323, July 1960.

Index Medicus, 1:11:A-1268, November 1960.
- 127 Harlem, O.K.:
"Eczema Vaccinatum; Specific Immune Globulin. Therapy of a Case," Tidsskr Norske Laegeforen, 77:5:204-206, passim, 1 March 1957.

Curr List Med Lit, 32:3:20403, August 1957.
- 128 * Helman, J.:
"Vaccinia as a Possible Carcinogen," Lancet, 1:1:6958:50-51, January 5, 1957.
- 129 Herrlich, A.:
"Problems of Smallpox," Corr Med Pract (Bombay), 3:5:251-253, 1959.

Excerpta Med, VI:14:11:6512, November 1960.
- 130 * Herrlich, A.:
"Smallpox: Impressions from an Epidemic in Bombay in 1958," Deut med Wochschr, 83:34:1426-1428, 22 August 1958.

- I
- 131 Herrlich, A.; Ehrengut, W.; and Weber, J.:
"Investigations Regarding Predisposition and Prognosis of Post-Vaccinal Encephalitis," Munch med Wochschr, 98:5: 156-159, 1956.

Excerpta Med, VI:10:Pt 2:6018, 1956.
- 132 * Herrlich, A., and Mayr, A.:
"Smallpox Vaccine from Tissue Cultures of Cattle Tongue and Observations on Culture Vaccine," Arch ges Virusforsch, 7:3:284-296, 1957.
- 133 Herrlich, A., and Mayr, A.:
"The Differentiation of Animal Pox Virus in Incubated Hen's Eggs," Arch Hyg u Bakteriol (Berl), 139/6:444-466, 1955.

Excerpta Med, IV:10:Pt 1:343, 1957.
- 134 * Herrlich, Albert; Mayr, Anton; und Munz, Eberhard:
"Das antikörperbild der variola-vaccineinfektion," Zentr Bakteriol Parasitenk Abt I Orig, 166:2:73-83, June 1956.
- 135 * Herzberg, K.:
"The Technique of Staining Elementary Bodies of Variola and Vaccinia Virus with Victoria Blue 4 R," Zentr Bakteriol Parasitenk Abt I Orig, 177:2:145-148, January 1960.
(In German with English Summary)
- 136 * Hoyben, G.H.; McKendrick, G.D.W.; and Nicol, C.G.:
"Smallpox in Tottenham - 1957," Lancet, 1:1061-1064, 17 May 1958.
- 137 Ink, J.; Diaz Trigo, A.; and Markmann, R.:
"Biologic Characteristics of the Last Outbreak of Smallpox in the Federal Capital, Semana med (Buenos Aires), 99: 16:621-623, 1951.

Curr List Med Lit, 21:14218, 1952.
- 138 * Irons, J.V., and Cook, E.B.M.:
"Preparation of a Smallpox Vaccine Cultured in the Chorioallantoic Membrane of the Chick Embryo," Bull Pan-Am Sanit Bur, 42:2:138-146, February 1957.
- 139 * Isaacs, A., and Westwood, Marguerite A.:
"Inhibition by Interferon of the Growth of Vaccinia Virus in the Rabbit Skin," Lancet, 2:7098:324-325, September 12, 1959.
- 140 Ivanoff, M.I.:
"Generalized Vaccinola," Voyenno-med J, 227 (med.-spec. pt.):278-281, 1910.

Index Medicus, 8:734, 1910.
- J
- 141 Jagjit, Singh:
"An Outbreak of Smallpox in Bhiwani, (Punjab)," Indian J Public Health, 1:1: 34-36, 1956.

Excerpta Med, XVII:3:2415, 1957.

- 142 Jansen, J.:
"Influence of Vaccinia Virus on Infection with Foot and Mouth Disease in Guinea Pigs," Tijdschr Diergeneesk, 82: 31-41, 1957.
Vet Bull, 27:2981, 1957.
- 143 * Joklik, W.K.:
"Biochemical Studies on Vaccinia Virus in Cultured Cells. II. Localization of Adenine-8-C¹⁴ Incorporated in the Course of Infection," Virology, 9:3:417-424, November 1959.
- 144 * Joklik, W.K.; Abel, Pamela; and Holmes, I.H.:
"Reactivation of Poxviruses by a Non-genetic Mechanism," Nature, 186:4729: 992-993, 1960.
- 145 * Joklik, W.K.; Holmes, I.H.; and Briggs, Margaret J.:
"The Reactivation of Poxviruses. III. Properties of Reactivable Particles," Virology, 11:1:202-218, May 1960.
- 146 * Joklik, W.K., and Rodrick, J.McN.:
"Biochemical Studies on Vaccinia Virus in Cultured Cells. I. Incorporation of Adenine-8-C¹⁴ into Normal and Infected Cells," Virology, 9:3:396-416, November 1959.
- 147 * Jordan, R.T., and Kempe, L.L.:
"Inactivation of Some Animal Viruses with Gamma Radiation from Cobalt-60," Proc Soc Exptl Biol Med, 91:1:212-215, January 1956.
- 149 Kaiden, Ryo:
"Experimental Studies on the Generalization of Vaccinia Virus in Rabbits. I. Generalization of Vaccinia Virus in Rabbits Inoculated with Moderate or Large Doses," Sapporo Med J, 13:3/4:97-107, 1958.
(In Japanese with English Abstract)
Biol Abstr, 35:7:19212, April 1960.
- 150 Kaiden, Ryo:
"Experimental Studies on the Generalization of Vaccinia Virus in Rabbits. II. Generalization of Vaccinia Virus in Rabbits Inoculated with Small Doses," Sapporo Med J, 13:3/4:108-114, 1958.
(In Japanese with English Abstract)
Biol Abstr, 35:7:19213, April 1960.
- 151 Kaiden, Ryo:
"Experimental Studies on the Generalization of Vaccinia Virus in Rabbits. III. The Role of Reticuloendothelial System for Occurrence of Viremia in Rabbits Inoculated with Vaccinia Virus," Sapporo Med J, 13:3/4:115-120, 1958.
(In Japanese with English Abstract)
Biol Abstr, 35:7:19214, April 1960.
- 152 Kalra, S.L.:
"Revaccination Against Smallpox with Calf Lymph and Vaccinia Virus Grown on Chick Embryos," Indian J Med Sci, 14:2: 122-129, February 1960.
Bull Hyg, 35:7:675, July 1960.
- 153 * Kamahara, J.; Sato, Y.; Kato, S.; and Hagiwara, K.:
"Inclusion Bodies of the Vaccinia Virus," Proc Soc Exptl Biol Med, 97:1: 43-47, January 1958.
- 148 Kahn, Robert E.:
"Growth Curves of Herpes Simplex Virus in the Mouse Brain and Their Application to a Study of Possible Relationships Between Herpes Simplex and Vaccinia Viruses," Boston University, 1954.
Doctoral Dissertations, 21:23, 1955 1954.
- 154 * Kaplan, C.:
"The Heat Inactivation of Vaccinia Virus," J Gen Microbiol, 18:1:58-63, 1958.

- 155 * Kaplan, C.:
"Titration of Vaccinia Virus by Intravenous Injection of Chick Embryos," Bull World Health Organization, 22:393-397, 1960.
- 156 * Kaplan, Colin:
"Reactivation of Vaccinia Virus Inactivated by Mercury," Nature, 184 (Suppl 14):1074, October 3, 1959.
- 157 * Kaplan, C., and Belyavin, G.:
"The Titration of Vaccinia Virus by the Pock Counting Technique," J Hyg, 55: 4:494-501, December 1957.
- 158 * Kaplan, C., and Valentine, R.C.:
"The Infectivity of Purified and Partially Purified Preparations of Vaccinia and Cowpox Viruses," J Gen Microbiol, 20:3:612-619, June 1959.
- 159 Kapsenberg, J.G.:
"Cultivation of Vaccinia-Virus in Tissue Explants," Thesis Uitgeverij Diligentia (Amsterdam), 1955.
Excerpta Med, IV:9:2513, 1956.
- 160 Karparov, A.:
"The Virus of Smallpox Vaccine," Sbornik Trudy na Nauchno-Issled Inst Epidemiol i Mikrobiol, 3:153-163, 1956.
Abstr Sov Med, 2:Pt A:427:184, 1958.
- 161 Kato, Shiro, and Cutting, Windsor:
"A Study of the Inclusion Bodies of Rabbit Myxoma and Fibroma Virus and a Consideration of the Relationship Between all Pox Virus Inclusion Bodies," Stanford Med Bull, 17:1:34-45, 1959.
Biol Abstr, 35:24:70925, December 1960.
- 162 * Kato, Shiro; Kameyama, Susumu; and Kamahora, Juntaro:
"Autoradiography of Cells Infected with Variola and Cowpox Viruses with H³-Thymidine," Biken's J, 3:2:183-189, August 1960.
- 163 * Kato, Shiro; Takahashi, Michiaki; Kameyama, Susumu; and Kamahora, Juntaro:
"A Study on the Morphological and Cyto-Immunological Relationship Between the Inclusions of Variola Cowpox, Rabbitpox, Vaccinia (Variola Origin), and Vaccinia IHD and a Consideration of the Term 'Guarnieri body'," Biken's J, 2:4:353-363, 1959.
- 164 Kawecki, Zbigniew, and Wysocznska, Halina:
"Laboratory Diagnosis of Smallpox," Biul Inst Med Morskiej w Gdansk, 7:82-85-1956.
Biol Abstr, 33:6624, 1959.
- 165 Kempe, C.H.:
"Studies on Smallpox and Complications of Smallpox Vaccination," Pediatrics, 26:176-189, August 1960.
(E. Mead Johnson Award Address)
Index Medicus, 1:12:S-3190, December 1960.
- 166 Kempe, C.H.; Berge, T.O.; and England, B.:
"Hyperimmune Vaccinal Gamma Globulin. Source Evaluation, and Use in Prophylaxis and Therapy," Pediatrics, 18:177-182, August 1956.
Abstr World Med, 21:256, January-June 1957.
- 167 Kern, Arthur B., and Schiff, Bancel:
"Smallpox Vaccinations in the Management of Recurrent Herpes Simplex: A Controlled Evaluation," J Invest Dermatol, 33:3:99-102, 1959.
Biol Abstr, 35:11:29761, June 1960.

- 168 Khe-Min, L.:
"Mechanism of Hemagglutination Reaction with Vaccinia Virus," Voprosy Virusol, 1:5:20-23, September-October 1956.
Curr List Med Lit, 31:4:39256, January-June 1957.
- 169 * Kibrick, S., and Kunz, L.J.:
"Vaccinia of the Lip. A Report of Two Cases, Including One with Superinfection of a Labial Herpetic Lesion," New Engl J Med, 258:9:421-424, 1958.
- 170 Kim, K.H.:
"The Effect of Fluorides on Vaccinia Virus in Embryonated Eggs," Acta Schol Med Univ Imp Kioto, 33:2:135-144, 1956.
Curr List Med Lit, 30:4:35013, October 1956.
- 171 Kim, K.H.:
"The Effect of Fluorides on Vaccinia Virus in Rabbits," Acta Schol Med Univ Imp Kioto, 33:2:145-158, 1956.
Curr List Med Lit, 30:4:35014, October 1956.
- 172 * Kisch, Alexander L.:
"Guillain-Barre Syndrome Following Smallpox Vaccination," New Engl J Med, 258:2:83-84, 9 January 1958.
- 173 Kobayashi, I.:
"Histochemical and Biochemical Studies on in-vitro Cultured Rabbit Kidney Tissues Infected with Vaccinia Virus. I. Studies on Experimental Conditions and Histological Changes of the Tissues Infected in vitro with the Virus. II. Studies on Biochemical Fluctuations in the Tissue Infected in vitro with the Virus," Sapporo Med J, 11:1:18-32, 1957.
(In Japanese with English Summaries)
Excerpta Med, IV:615:12:Pt 1, 1959.
- 174 Koprowska, I., and Koprowski, Hilary:
"Morphologic and Biologic Changes in Mouse Ascites Tumor Following Induced Infection with Certain Viruses," Cancer Research, 13:651-660, September 1953.
Quarterly Cumulative Index Medicus, 54:917, July-December 1953.
- 175 Krasnitskaia, K.M.:
"Ectoparasites of Fowl and Measures for Controlling Them," Ptitsevodstvo, 6:8:32-34, August 1956.
Monthly List Russian Accessions, 9:1828, October 1956-March 1957.
- 176 * Krasnov, V.A.:
"On B.F. Novikov's Article Some Problems in the Epidemiology of Cowpox in Man," J Microbiol Epidemiol Immunobiol, 30:5:173-174, May 1959.
(In English)
- 177 Krause-Wichmann:
"The Risk of Primary Smallpox Vaccination for Older Persons," Offentl Gesundheitsdienst, 18:12:500-502, 1957.
Bull Hyg, 32:554, 1957.
- 178 Kremer, V.E.:
"Effect of Antibiotics Heliomycin and Cerulomycin on Vaccinia Viruses," Antibiotiki, 4:59-65, November-December 1959.
(In Russian)
Index Medicus, 1:6:A-621, June 1960.
- 179 Kreshover, S.J., and Hancock, J.A., Jr.:
"The Pathogenesis of Abnormal Enamel Formation in Rabbits Inoculated with Vaccinia," J Dental Research, 35:5:685-692, October 1956.
Curr List Med Lit, 31:2:13428, January-June 1957.
- 180 Laigret, J.; Leblanc, P.; Lavillaureix, J.; and Nonclercq, E.:
"Three Cases of Acute Varioliform Pustulosis," Bull soc franc dermatol syphilis, 64:1:73-75, January-March 1957.
Curr List Med Lit, 32:4:35291, October 1957.

- 181 * Lavillaureix, Jean:
"Etude du virus vaccinal sur des
cellules cancéreuses (Souches HeLa et
KB)," Ann Inst Pasteur, 92:6:735-741,
January-June 1957.
(In French with English Summary)
- 182 * Lazarus, A.S.:
"Laboratory Diagnosis of Smallpox,"
Bull Pan-Am Sanit Bur, 42:2:153-159,
February 1957.
- 183 * Leahy, Hugh F.:
"Complications of Smallpox Vaccina-
tion," Modern Medicine, 28:6:117-118,
15 March 1960.
- 184 Le Bourdelles, B.:
"Lessons of the 1955 Smallpox
Epidemic," Rev Praticien (Paris), 6:12:
1299-1308, 1955.
Excerpta Med, VI:11:Pt 2:5701, 1957.
- 185 * Lee, C.D.:
"Fowl Pox," N Am Veterinarian, 38:7:
201-203, July 1957.
- 186 Linnen, H.J.:
"Pathogenesis and Clinical Aspects of
Vaccinia of the Eye and Its Adnexa.
Contribution to the Law on Vaccination
Injuries," Medizinische, 12:407-415,
23 March 1957.
Curr List Med Lit, 32:3:28381, September
1957.
- 187 * Linneweh, F., and Oehme, J.:
"Poliomyelitis and Smallpox Vaccina-
tion," Deut med Wochschr, 82:37:1599-
1601, 13 September 1957.
- 188 * Loh, Philip C.; Payne, Francis E.;
Nakamura, M.; and Ackerman, W. Wilbur:
"Synthesis of RNA in HeLa Cells In-
fected with Vaccinia Virus," (University
of Michigan School of Public Health),
Federation Proc, 18:1:Pt 1:2283-581,
March 1959.
- 189 Lubke, A.:
"Histological Differentiation Between
Swine Pox, Skin Lesions Caused by Other
Viruses of the Pox Group and a Non-
specific Contact Eczema in Pigs," Deut
tierarztl Wochschr, 67:113-118, 1960.
(English Summary)
Index Veterinarius, 28:1:93, January-
March 1960.
- 190 Lundstrom, R.:
"Complications of Smallpox Vaccination
and Their Treatment with Vaccinia Immune
Gamma Globulin," J Pediat, 49:129-140,
August 1956.
Abstr World Med, 21:271, January-June
1957.
- 191 Lundstrom, R., and Espmark, A.:
"Immune Globulin Against Vaccinia,"
Acta Paediat (Upps), 48 (Suppl 118):88-
89, September 1959.
Index Medicus, 1:3:A-236, March 1960.
- 192 Lyon, E.:
"Variola Vaccination and Cortisone
Treatment," Deut med J, 10:12:401-403,
1959.
Excerpta Med, VI:14:11:6513, November
1960.
- M
- 193 * MacCallum, F.O., and McDonald, J.R.:
"Effect of Temperatures of up to 45°C
on Survival of Variola Virus in Human
Material in Relation to Laboratory Diag-
nosis," Bull World Health Organization,
16:2:441-443, 1957.
- 194 * MacCallum, F.O., and McDonald, J.R.:
"Survival of Variola Virus in Raw
Cotton," Bull World Health Organization,
16:2:247-254, 1957.

- 195 * MacIver, D.P.:
"Vaccinia Versus Poliomyelitis?"
Lancet, 1:226-228, February 1956.
- 196 * Macpherson, I.A.:
"The Liberation of Cell-Bound Vaccinia Virus by Ultrasonic Vibration," J Hyg, 56:1:29-36, 1958.
- 197 * Magee, W.E., and Sagik, B.P.:
"The Synthesis of Deoxyribonucleic Acid by HeLa Cells Infected with Vaccinia Virus," Virology, 8:1:134-137, May 1959.
- 198 * Magee, W.E.; Sheek, M.R.; and Burrous, M.J.:
"The Synthesis of Vaccinial Deoxyribonucleic Acid," Virology, 11:1:296-299, May 1960.
- 199 * Mahnel, Helmut, und Herrlich, Albert:
"Zur Zuchtung des Variola- und Alastrimvirus im bebruteten Huhnerei," Zentr Bakteriol Parasitenk Abt I Orig, 181:2:137-149, February 1961.
- 200 * Mahnel, H., and Munz, E.:
"Differentiation of Variola and Vaccinia Virus in HeLa and F₁ Cell Cultures," Zentr Bakteriol Parasitenk Abt I Orig, 178:2:149-155, January 1960.
- 201 Maitland, H.B.:
"Investigations into the Development of Vaccine Virus," Rev med Liege, 11: 13:379-387, 1956.

Excerpta Med, IV:10:Pt 1:864, 1957.
- 202 * Maitland, H.B., and Magrath, D.I.:
"The Growth in vitro of Vaccinia Virus in Chick Embryo Chorio-allantoic Membrane, Minced Embryo and Cell Suspensions," J Hyg, 55:3:347-360, September 1957.
- 203 Marchionini, A., and Nasemann, T.:
"Diagnosis of Human Diseases Caused by Viruses of the Smallpox Group," Arch klin u exptl Dermatol, Berl, 202:1:69-102, 1955.

Curr List Med Lit, 30:4:36409:R-362, July-December 1956.
- 204 Marennikova, S.S.:
"Isolation of Smallpox Virus on Chick Embryo," Zhur Mikrobiol Epidemiol Immunobiol, 31:102-106, June 1960.
(In Russian)

Index Medicus, 1:11:A-1294, November 1960.
- 205 * Marennikova, S.S.:
"The Use of the Haemagglutination-Inhibition Test for the Diagnosis of Smallpox," Problems Virol, 3:2:78-81, 1958.
(In English)
- 206 * Marennikova, S.S.; Gurvich, E.B.; and Iumasheva, M.A.:
"Isolation and Studies on the Properties of Smallpox Virus. I. Direct Isolation of Smallpox Virus in Tissue Culture," Problems Virol, 4:6:70-77, November-December 1959.
(In English)
- 207 * Marennikova, S.S., and Mastiukova, Iu N.:
"Methods for Laboratory Diagnosis of Smallpox," Problems Virol, 2:2:112-115, 1957.
(In English)
- 208 Marennikova, S.S.; Mastiukova, Iu N.; Akatova, E.M.; and Ogorodnikova, Z.I.:
"Cultivation of Smallpox Virus and Vaccine in Developing Chick Embryos," Voprosy Virusologii, 1:6:36-40, November-December 1956.
(In Russian)

Curr List Med Lit, 32:1:7672, July 1957.
- 209 * Marennikova, S.S.; Ponomareva, N.A.; Ogorodnikova, Z.I.; and Durasova, M.N.:
"The Production and Experimental Study of Antismallpox Gamma-Globulin," Voprosy Virusologii, 3:5/6:366-369, 1958.
(In English)

- 210 Narsden, J.P.:
"On the Diagnosis of Smallpox," Brit J Clin Practice, 12:5:333-341, May 1958.
Curr List Med Lit, 34:3:28767, September 1958.
- 211 * Mascoli, C.C.; Stanfield, L.V.; and Phelps, L.N.:
"Propagation of Poliovirus, Measles, and Vaccinia in Guinea Pig Spleen Cell Strains," Science, 129:3353:894-895, 3 April 1959.
- 212 * Mastiukova, Iu N., and Iaroslavskaja, N.V.:
"A Study of the Immunogenic Properties of Smallpox Vaccines, III," Problems Virol, 3:2:82-84, 1958.
(In English)
- 213 Mathen, K.K.:
"Statistical Assessment of the Efficacy of Vaccination from the Data of the Child Population in the City of Madras During the Period 1945-1950," Indian J Public Health, 3:3:261-267, July 1959.
Bull Hyg. 35:1:53, January 1960.
- 214 Mathey, William J., Jr.:
"Studies on Fowl Pox Virus," University of California, 1953.
Doctoral Dissertations, 20:98, 1952-1953.
- 215 * Mayer, Karl:
"Editorial Evaluation of Live Virus Vaccines," Vet Med, 56:2:81-83, February 1961.
- 216 Mayr, A.:
"Experimental Studies on the Haemagglutinating Principle in Animal Pox Viruses," Arch ges Virusforsch, 6:5:439-471, 1956.
Bull Hyg. 31:5:590, 1956.
- 217 * Mayr, A., and Herrlich, A.:
"Cultivation of Variola Virus in the Suckling Mouse," Arch ges Virusforsch, 10:226-235, 1960.
- 218 * Mayr, A., and Wittmann, G.:
"Observations on Local Spread of Pox Viruses in Tissue," Science, 125:1034-1035, 24 May 1957.
- 219 * Mayyasi, S.A.; Schuurmans, D.M.; and Brown, A.:
"The Agglutination of L Cells by Vaccinia Virus. I. The Agglutination and Agglutination-Inhibition Titrations for Virus and Antibody," J Immunol, 83:411-417, October 1959.
- 220 Mazurenko, N.P.:
"Filtrable Properties of the Mouse Leukemia Agent Produced by the Vaccinia Virus," Voprosy Onkol, 6:8:18-25, 1960.
(In Russian)
Index Medicus, 1:2:A-89, January 1961.
- 221 * Mazurenko, N.P., and Lemberg, A.A.:
"Combined Effect of Vaccinia Virus and X-rays on the Transplantability of Mouse Ascites Tumour," Problems Oncol, 3:2:193-194, 1957.
(In English)
- 222 Mazzaracchio, V., and Orfei, Z.:
"Further Investigations on the Hertfordshire Strain of Attenuated Vaccine-Virus," Read ist super sanita, 18:10:854-870, 1955.
Biol Abstr, 31:5230, 1957.
- 223 * McCarthy, K.; Downie, A.W.; and Bradley, W.H.:
"The Antibody Response in Man Following Infection with Viruses of the Pox Group. II. Antibody Response Following Vaccination," J Hyg, 56:4:466-478, December 1958.

- 224 * McCrea, J.F.; Angerer, Sigrid; and O'Loughlin, Jean:
"Electron Microscope and Infectivity Studies on Vaccinia Virus Treated with Urea, Guanidine-Hydrochloride, and Sodium Desoxycholate," Bacteriol Proc, 1960, p. 125.
- 225 * McCrea, J.F., and O'Loughlin, Jean:
"Separation of Vaccinia Hemagglutinin from Infectious Virus Particles by Chromatography on DEAE Columns," Virology, 8:1:127-129, May 1959.
- 226 * McCrea, J.F.; Preiss, John W.; and O'Loughlin, Jean:
"Physical Studies on Pox Viruses. I. Inactivation of Vaccinia Virus Infectivity with Low-Energy Electrons," Biophysical J, 1:1:43-53, September 1960.
- 227 * McLaren, LeRoy C., and Syverton, Jerome T.:
"Human Cells in Continuous Culture. II. Comparative Susceptibility of Stable and Clonal-Strain Epithelial Cells to Infection by Viruses of Poliomyelitis, Vaccinia or Herpes Simplex," J Immunol, 79:6:484-488, December 1957.
- 228 * McLean, D.:
"Preparation Standardization and Use of a Desiccated, Stable and Purified Smallpox Vaccine," Bull Pan-Am Sanit Bur, 42:2:132-137, February 1957.
- 229 * Meade, Richard H., III:
"Common Viral Infections in Childhood: A Discussion of Measles, German Measles, Mumps, Chickenpox, Vaccinia and Smallpox," Med Clin N Am, 43:5:1355-1377, September 1959.
- 230 * Meers, P.D.:
"Combined Smallpox - 17D Yellow Fever Vaccine for Scratch Vaccination," Trans Roy Soc Trop Med Hyg, 53:2:196-201, March 1959.
- 231 * Meers, P.D.:
"Smallpox-17D Vaccine," Trans Roy Soc Trop Med Hyg, 53:3:296, May 1959.
- 232 * Mika, Leonard A., and Pirsch, James B.:
"Differentiation of Variola from Other Members of the Poxvirus Group by the Plaque Technique," J Bacteriol, 80:6:861-863, December 1960.
- 233 Miller, H.G.:
"Prognosis of Neurologic Illness Following Vaccination Against Smallpox," A.M.A. Arch Neurol Psychiat, 69:695-706, June 1953.

Quarterly Cumulative Index Medicus, 53: 1094, January-June 1953.
- 234 * Miroshnikova-Rekkandt, M.A.:
"Increasing the Virulence of Small Pox Vaccine Through Selection," Zhur Mikrobiol Epidemiol Immunobiol, 7:77-78, 1953.
- 235 Miyata, Shojiro:
"Studies on the Tropism of Virus. II. Cultivation of Vaccinia Virus in Tissue Culture," Sapporo Med J, 13:5/6:167-179, 1958.

(In Japanese with English Summary)

Biol Abstr, 35:24:71120, December 1960.
- 236 * Miyazaki, Yoshio; Iida, Tsuyoshi; and Ow, Shintoku:
"Arthus Phenomenon-Like Skin Reaction Caused by Vaccinia Virus with Special Reference to Effect of Nitrogen Mustard and Benzene," Japan J Microbiol, 1:4: 393-405, October 1957.
- 237 Mizuguchi, Y.:
"Electron Microscopic Studies on the Rabbit Cornea Infected with Vaccinia Virus," Virus (Kyoto), 7:1:1-8;69, 1957.
(In Japanese)

Excerpta Med. IV:10:Pt 2:2644, 1957.
- 238 * Moreira, C.A.:
"A Note on the Evolution of Cow-pox Virus in Wild Animals of Brazilian Fauna," Mem Inst Oswaldo Cruz, 54:1:93-94, 1956.

- 239 * Moreira, Cicero A.:
"Cowpox Virus in Sylvan Animals,"
Mem Inst Oswaldo Cruz, 54:93, 1956.
- 240 * Morita, Kanemitsu:
"Electron Microscopic Study of the
Inclusions of Cowpox Virus," Biken's J,
3:2:213-214, 1960.
- 241 * Moritsch, H.:
"Experimental Investigations of the
Multiplication of Vaccinia and Cowpox
Viruses in the Mouse," Zentr Bakteriolog
Parasitenk Abt I Orig, 166:6:427-453,
August 1956.
- 242 Moritsch, H.:
"Virulence and Pathogenicity of Vac-
cinia Virus," Z Tropenmed Parasitol,
8:3:333-348, September 1957.

Curr List Med Lit, 33:4:40056, April
1958.
- 243 * Morozov, M.A.:
"The Main Results of Research on Small-
pox and Other Virus Diseases in the USSR.
(A Survey)," J Microbiol Epidemiol
Immunobiol, 29:7:1102-1109, 1958.
- 244 * Morozov, M.A., and Konstantinova, V.I.:
"On the Problem of Determination of
Smallpox Vaccine Virulence," Zhur
Mikrobiol Epidemiol Immunobiol, 30:56-
59, November 1959.
- 245 * Morozov, M.A., and Korol'kova, M.I.:
"Experimental Model for the Titration
of the Immunogenic Properties of Small-
pox Vaccines," J Microbiol Epidemiol
Immunobiol, 28:7:931-934, July 1957.
(In English)
- 246 * Morelunas, L.I.:
"Outbreak of Human and Animal Cowpox,"
Zhur Mikrobiol Epidemiol Immunobiol, 30:
5:124-125, May 1959.
(In Russian)
- 247 Muroya, Kozo:
"Experimental Studies on Vaccinal
Allergy. I. General Observations on
Vaccinal Allergy in the Skin of Rabbit
Inoculated with Vaccinia Virus," Sapporo
Med J, 13:3/4:121-132, 1958.

Biol Abstr, 35:10:27337, May 1960.
- N
- 248 * Nagano, Y., and Kojima, Y.:
"Interference of the Inactive Vaccinia
Virus with Infection of Skin by the
Active Homologous Virus," Compt rend soc
biol, 152:2:372-374, 1958.
- 249 Nanning, W.:
"The Epidemic of Smallpox in Batavia
(1949) Its Origin and Control," Intern
Congr Microbiol, 6th Congr, Rept Proc,
7:214-217, 1955.

Biol Abstr, 32:41371, 1958.
- 250 Neth, W.F.; Sarver, R.G.; and
Kahlbaugh, R.A.:
"Treatment of Eczema Vaccinatum with
Vaccinia Hyperimmune Gamma Globulin,"
Delaware State Med J, 30:2:41-42,
February 1958.

Curr List Med Lit, 34:4316, July-
December 1958.
- 251 * Nii, Shiro:
"Plaque Formation and Some Cytopatho-
genic Characteristics of Ectromelia
Virus (Hampstead Strain) and Vaccinia
Virus (IHD Strain) on Monolayers,"
Biken's J, 2:3:195-206, November 1959.
- 252 * Nishimura, C., and Tagaya, I.:
"Metabolic Alterations of Nucleotides
and Nucleic Acids in HeLa Cells Infected
with Vaccinia Virus," Japan J Med Sci &
Biol, 12:6:405-420, December 1959.

253

- * Nishimura, Chiaki, and Tagaya, Isamu:
"Enzymic Inactivation of Vaccinia
Virus with a Bacterial Protease," Japan
J Med Sci & Biol, 13:3:165-167, June
1960.

254

- * Nishimi, M., and Bernkopf, H.:
"The Toxic Effect of Vaccinia Virus
on Leucocytes *in vitro*," J Immunol, 81:
6:460-466, 1958.

255

- * Nizamuddin, M.D., and Dumbell, K.R.:
"A Simple Laboratory Test to Distin-
guish the Virus of Smallpox from that of
Alastrim," Lancet, 1:7168:68-69, January
14, 1961.

256

- Noguchi, Y.; Fujita, K.; and
Ishiwara, K.:
"Demonstration of Vaccinia Virus in
Purified Vaccine Lymph (PVL-YAOI) by
Electron Microscope," Yokohama Med Bull,
10:4:204-205, August 1959.

Excerpta Med, IV:13:5:1723, May 1960.

257

- Nonclercq, E., and Levy, G.:
"Infectivity of Vaccinia and Varicella
in Contact with Eczematous Patients,"
Bull soc franc dermatol syphilis, 64:5:
729-730, 1957.

Curr List Med Lit, 34:3:29262, September
1958.

258

- Nonclercq, M.E.:
"Transmission of Vaccinia in the Light
of a Local Epidemic," Strasbourg Med,
8:3:232-235, March 1957.

Curr List Med Lit, 32:3:31341, September
1957.

259

- * Novikov, B.P.:
"Some Problems Connected with the
Epidemiology of Cowpox in Man," J
Microbiol Epidemiol Immunobiol, 28:5:
721-722, May 1957.
(In English)

O

260

- Oberg, G.; Nathorst-Windahl, G.; and
Wesslen, T.:
"Vaccinia Gangraenosa; A Rare Complica-
tion after Vaccination Against Smallpox,"
Nord Med, 60:30:1045-1047, July 24, 1958.
Curr List Med Lit, 34:5:59392, November
1958.

261

- * Olansky, S.; Smith, J.G., Jr.; and
Hansen-Pruss, O.C.E.:
"Fatal Vaccinia Associated with
Cortisone Therapy," J Am Med Assoc, 162:
9:887-888, 1956.

262

- Oliverás de la Riva, C., and Ramon
Bierge, J.:
"Encephalomyelitis Due to Smallpox
Vaccination," Arch espan med intern, 1:
2:153-157, 1955.

Excerpta Med, VI:10:Pt 2:6019, 1956.

263

- Orteli, Zefferino:
"Investigation of the Alleged Inacti-
vating Action of Lysozyme on Herpes and
Vaccinia Viruses," Rend ist super sanita,
18:6:426-429, 1955.

Biol Abstr, 31:5241, 1957.

264

- * Overman, John R., and Sharp, D. Gordon:
"Ratios of Vaccinia Virus Particles
to Virus Infectious Units: Studies of
Ratio Changes During Growth and Adapta-
tion in Eggs, Guinea Pigs, and Rabbits,"
J Exptl Med, 110:3:461-480, September
1959.

265

- * Overman, J.R., and Tamm, I.:
"Multiplication of Vaccinia Virus in
the Chorioallantoic Membrane *in vitro*,"
Virology, 3:1:173-184, February 1957.

266

- * Ow, Shintoku:
"Arthus Phenomenon-Like Skin Reaction
Caused by Vaccine Virus. IV. Effect of
Benzene," Institute for Infectious Dis-
eases, University of Tokyo, Japan J
Bacteriol, 13:4:342-348, April 1958.
(In Japanese)

- 267 * Oya, A.:
"On the Mode of Production of Hemagglutinin and Virus Particles in the Chorioallantoic Membranes Infected with Variola and with Vaccinia Viruses," Japan J Med Sci & Biol, 8:4-5:399-411, October 1955.
- 268 * Oya, Akira:
"Growth of Vaccinia and Variola Viruses in the One-Day-Old Fertile Hen's Egg," Japan J Med Sci & Biol, 9:6:293-302, December 1956.
- P
- 269 Pandit, C.G.; Masilamani, S.E.D.; Krishnan, G.N.V.; and Seal, S.C.:
"Smallpox in Madras City - A Study in Retrospect," Indian J Public Health, 3:3:245-260, July 1959.
Bull Hyg, 35:1:53, January 1960.
- 270 * Pastukhov, B.N.:
"Trip of Soviet Physicians to Pakistan and Control of Cholera and Smallpox," Zhur Mikrobiol Epidemiol Immunobiol, 30:2:148-151, February 1959.
- 271 * Peirce, E.R.; Melville, F.S.; Downie, A.W.; and Duckworth, Marjorie J.:
"Antivaccinial Gamma-Globulin in Smallpox Prophylaxis," Lancet, 2:7047:635-638, 20 September 1958.
- 272 * Peters, D.:
"Morphology of Resting Vaccinia Virus," Nature, 178:1453-1455, December 29, 1956.
- 273 Pierret, R.; Huriez, C.; Breton, A.; Desmons, F.; and Fontaine, G.:
"Severe Vaccinia Epidemic in Eczematous Infants," Bull soc franc dermatol syphilis, 63:4:409-412, July-October 1956.
Curr List Med Lit, 31:5:43110, January-June 1957.
- 274 * Pirsch, James B., and Mika, Leonard A.:
"New Characteristics of Variola Virus in Tissue Culture Systems," Bacteriol Proc, 1960. p. 125.
- 275 Plagnol, H.; Nguyen-Van-Ai; and Triauf, R.:
"Note on the Use of Different Antibiotics in the Preparation of Smallpox Vaccine," Bull soc pathol exotique, 49:4:620-626, 1956.
Excerpta Med, IV:10:Pt 2:2745, 1957.
- 276 Forge, J.F.:
"Renal Accidents During the Last Mass Vaccination Against Smallpox," Concours med, 78:9:979-980, 1956.
Excerpta Med, VI:10:Pt 2:6016, 1956.
- 277 Porterfield, J.S., and Allison, A.C.:
"Studies with Poxviruses by an Improved Plaque Technique," Virology, 10:233-244, February 1960.
Index Medicus, 1:6:A-664, June 1960.
- 278 * Postlethwaite, R.:
"A Plaque Technique for the Titration of Vaccinia Virus in Chick Embryo Cells and Some Features of Vaccinal Infection in this System," Virology, 10:4:466-482, April 1960.
Index Medicus, 1:9:A-i051, September 1960.
- 279 * Postlethwaite, R., and Maitland, H.B.:
"Eclipse Phase of Vaccinia Virus," Nature, 186:335, April 1960.
- 280 * Postlethwaite, R., and Maitland, H.B.:
"The Eclipse Phase of Vaccinia Virus Growing in Chick Embryo Cell Monolayers and Some Technical Procedures which Affect Its Demonstration," J Hyg, 58:133-145, June 1960.

- 281 * Pumper, R.W.; Alfred, L.J.; and Sackett, D.L.:
"Multiplication of Vaccinia Virus in Serum-Free and Serum-Containing Cell Cultures," Nature, 185:123-124, January 1960.
- 282 Puntigam, F., and Berger, K.:
"Blood Sedimentation Rate in Postvaccinal Encephalitis," Z Kinderheilk, 77:1:95-100, 1955.
Excerpta Med, VI:10:Pt 2:6020, 1956.
- 283 Puntigam, F., and Berger, K.:
"The Frequency of Sequelae after Postvaccinal Encephalitis," Wien med Wochschr 106:3:66-69, 1956.
Excerpta Med, VI:6022, 1956.
- R
- 284 Ranby, P.D.:
"Vaccinating Against Fowl Pox and Infectious Laryngo-Tracheitis with a Mixed Vaccine," Queensland Agr J, 83:2:96-102, 1957.
Biol Abstr, 32:9653, 1958.
- 285 Rezvuikh, A.I.; Shklyayev, I.P.; and Kabaev, K.:
"Treatment of the Malignant Form of Goat Pox," Veterinariya, Moscow, 34:6:33-34, 1957.
Vet Bull, 28:73, 1958.
- 286 * Ristori, C.; Boccardo, H.; and Borgono, J.M.:
"Methods of Control Adopted by the National Health Service at the Appearance of a Case of Smallpox," Boletín sanit panam, 48:6:469-474, June 1960.
(In Spanish)
- 287 Ronda Lain, E.:
"Study of the Action of Various Quaternary Ammonium Compounds in Relation to the Vaccinal and Eastern and Western Encephalitis Viruses," Microbiol españ, 13:187-219, April-June 1960.
(In Spanish)
Index Medicus, 2:1:A-115, January 1961.
- 288 Ronda Lain, E.:
"Study of the Action of Some Quaternary Ammonium Compounds Against Vaccinia Virus and East and West Equine Encephalitis Virus," Microbiol españ, 13:257-309, concl, July-September 1960.
(In Spanish)
Index Medicus, 2:3:8-657, March 1961.
- 289 * Rosanoff, Eugene; Warren, George H.; and Bartell, Pasquale:
"Immunologic Properties of Vaccinia Virus Propagated in Embryonic Epithelial Cells," Bacteriol Proc, 1960. p. 125.
- 290 Rozowski, T.; Markowicz, J.; and Rataj, R.:
"Two Foci of Natural Cowpox in Man," Przegląd Epidemiol, 10:1:57-64, 1956.
Bull Hyg, 31:1191, 1956.
- 291 Ruiz Sanchez, F., and Alba Naranjo, Q.F.:
"Tetracycline in the Protection of Rabbits Inoculated with Vaccinia Virus," Medicina (Mex), 35:716:28-29, 25 January 1955.
Curr List Med Lit, 28:1:6029, July-December 1955.
- 292 * Ryden, F.W., and Randall, C.C.:
"A Study of Three Strains of Vaccinia Virus in Stable Cell Strains L, LLC-M1; and HeLa," Am J Pathol, 33:2:293-311, 1957.

- 293 Salchow, U.A.:
 "Diagnostic Possibilities of Infections with a Virus from the Smallpox-Vaccinia Group," Arch Hyg u Bakteriologie, 139:8:608-626, December 1955.
Curr List Med Lit, 30:22898, July-December 1956.
- 294 Salmon, M.J.:
 "Vaccinia in Form of Recurrent Vaccination," Bull soc franc dermatol syphilis, 5:545-546, November-December 1955.
Curr List Med Lit, 30:3:24721, July-December 1956.
- 295 * Salzman, Norman P.:
 "The Rate of Formation of Vaccinia Deoxyribonucleic Acid and Vaccinia Virus," Virology, 10:1:150-152, January 1960.
- 296 * Sampey, Alex W.:
 "Accidental Vaccination," Brit Med J, 2:45, July 1956.
- 297 Sarateanu, D., and Fuhrer, B.:
 "Study of Influenza Immunity in Animals Previously Immunized Against Vaccinia," Stud cercet inframicrobiol, Bucur, 8:2:207-212, 1957.
Curr List Med Lit, 34:1:11733, July 1958.
- 298 Sarkar, J.K.; Neogy, K.N.; and Lahiri, D.C.:
 "Behaviour of Variola and Vaccinia Viruses in Mice," J Indian Med Assoc, 32:7:279-281, 1 April 1959.
Curr List Med Lit, 36:28748, July-December 1959.
- 299 Sarmiento, F. De M.; Blasi, R.; and De Almeida, S.F.:
 "Accidental Vaccinia with Nasal Localization," Pediatr prat, Sao Paulo, 28:1:85-88, January 1957.
Curr List Med Lit, 32:2:17336, July-December 1957.
- 300 Satmari, Baranyai:
 "Serum Antihemagglutinin Level as Related to Age of Virus Vaccine," Orvosi Hetilap, 98:22:577-580, 1957.
Referat Zhur Biol, 8:33625, 1958.
- 301 * Saunders, J.C.:
 "Notes on Smallpox Vaccination," Lancet, 1:7035:1382-1384, June 28, 1958.
- 302 Sawai, Y.; Tanaka, H.; and Yasaki, Y.:
 "Studies on Vaccinia Virus by Fluorescence Microscope," Japan J Exptl Med, 25:2:71-73, 1955.
Excerpta Med, IV:10:Pt 1:1134, 1957.
- 303 Scalfi, L.; Jacono, A.; and Manguso, L.:
 "The Effect of Cortisone on the Course of Experimental Infection of Rabbits with Vaccinia Virus," Boll ist sieroterap milan, 34:9-10:569-582, 1955.
Excerpta Med, IV:10:Pt 1:863, 1957.
- 304 * Schwobel, W., and Mayr, A.:
 "Cultivation of Vaccinia Virus in Tongue Tissue Cultures from Cattle," Zentr Bakteriologie Parasitenk Abt I Orig, 167:3:187-200, 1956.
- 305 Seéallian, P.; Badon, A.; Fayolle, J.; and Rouchon:
 "Fatal Generalized Vaccinia with Viremia and Agammaglobulinemia," Presse med, 65:15:319-321, 20 February 1957.
Curr List Med Lit, 32:3:29905, September 1957.

- 306 Seelemann, K.:
"Cerebral Complications in Hamburg Children after Smallpox Vaccination, 1939-1958," Deut med Wochschr, 85:25:1081-1089;1118-1119, June 1960.
Bull Hyg, 35:11:1121, November 1960.
- 307 Segal, P., and Kikiela, M.:
"Severe Ocular Complications During Vaccinia Virus Infection," Polski Tygodnik Lekarski, 14:4:162-165, 26 January 1959.
(In Polish)
Curr List Med Lit, 36:41574, July-December 1959.
- 308 Severin, G.:
"Cowpox Vaccination and Its Technique," Tidsskr Milit Halsov, 3:144-146, 1956.
Excerpta Med, XVII:3:2417, 1957.
- 309 * Sharp, D.C.:
"Extraction and Counting of Vaccinia Virus Particles from Calf Lymph Vaccine," J Immunol, 84:5:507-513, May 1960.
- 310 * Sharp, D.G., and Smith, K.O.:
"Rapid Adsorption of Vaccinia Virus on Tissue Culture Cells by Centrifugal Force," Proc Soc Exptl Biol Med, 104:167-169, May 1960.
- 311 * Sheffield, F.W.; Bauer, D.J.; and Stephenson, Sylvia M.:
"The Protection of Tissue Cultures by Isatin Beta-Thiosemicarbazone from the Cytopathic Effects of Certain Fox Viruses," Brit J Exptl Pathol, 41:6:638-647, December 1960.
- 312 Shlyakov, E.N.; Savicheva, A.G.; and Khodoprovski, A.Y.:
"Variola in Milkers in Relation to Cow Pox," Zhur Mikrobiol Epidemiol Immunobiol, 27:7:55-58, 1956.
Vet Bull, 27:112, 1957.
- 313 * Shpigunov, F.A.:
"Immunological Effectiveness of Smallpox Vaccine Associated with Live Brucellosis Vaccine," J Microbiol Epidemiol Immunobiol, 30:11:24-28, November 1959.
(In English)
- 314 Shpigunov, F.A.:
"Immunological Efficacy of Smallpox and Brucellosis Live Vaccine and the Polyvaccine NIISI in Simultaneous Administration," Voenno-Med Zhur, 9:84-85, 1958. (Abstract).
(In Russian)
Dr. Robert Pollitzer: Selected Lists of Noteworthy Articles in Recent Soviet Publications, The Institute of Contemporary Russian Studies, Fordham University, New York 58, New York.
- 315 * Shpigunov, F.A.:
"The Immunological Efficiency of Some Components of NIISI Polyvalent Vaccine in Conjunction with Live Smallpox and Brucella Vaccines," J Microbiol Epidemiol Immunobiol, 30:1:32-37, 1959.
(In English)
- 316 Siegert, R.:
"Behaviour of Vaccinia Virus in Central Nervous System Injury Caused by Vaccine. II. Virological Studies in the Central Nervous System," Deut med Wochschr, 82:49:2061-2065, 6 December 1957.
Curr List Med Lit, 33:5:44044, May 1958.
- 317 Siegert, R.:
"The Retention of Vaccinia Virus in the Body in Cases Where the CNS is Damaged by Vaccination. I. Virus at the Site of Inoculation, in the Regional Lymph Nodes and in the Blood," Deut med Wochschr, 82:48:2021-2024, 1957.
Excerpta Med, VT:12:Pt 2:4377, 1958.
- 318 Sifontes, J.E., and Mirabal Font, E.:
"Complications of Smallpox Vaccination," Bol asoc med Puerto Rico, 51:187-195, June 1959.
Index Medicus, 1:1:A-57, January 1960.

- 319 * Smith, K.O., and Sharp, D.G.:
"Interaction of Virus with Cells in
Tissue Cultures. I. Adsorption on and
Growth of Vaccinia Virus in L Cells,"
Virology, 11:3:519-532, July 1960.
- 320 * Solov'ev, V.D., and Mastiukova, Yu N.:
"A Study of the Immunogenicity of
Smallpox Vaccines," Bull World Health
Organization, 20:6:1099-1110, 1959.
- 321 * Solov'ev, V.D., and Mastiukova, Yu N.:
"Method of Titrating Vaccinia and
Variola Viruses and Neutralizing Anti-
bodies," Problema Viroi, 3:5/6:370-374,
November-December 1958.
(In English)
- 322 * Solov'ev, V.D., and Mastiukova, Yu N.:
"Study of the Multiplication of Vac-
cinia Virus in Tissue Cultures," Problema
Viroi, 4:4:85-91, 1959.
(In English)
- 323 Sommacal, D., and Lerner, A.B.:
"Disseminated Vaccinia in Pregnancy.
Report of a Case," A.M.A. Arch Dermatol,
82:257-258, August 1960.

Index Medicus, 1:11:A-1329, November
1960.
- 324 * Sousa Iglesias, A.:
"Desiccated Smallpox Vaccine in Peru,"
Bull Pan-Am Sanit Bur, 42:2:126-131,
February 1957.
(In Spanish)
- 325 Sousa Iglesias, A., and Sousa Castaneda,
A.:
"Lyophilized Smallpox Vaccine: Main-
tenance of Potency at Room Temperature
and at 37°C," Rev med exptl (Lima), 9:
17-21, 1955.

Bull Hyg, 31:795, 1956.
- 326 * Spies, K.:
"The Cell-Virus Relationship in Vac-
cinia Infection in vitro," Z Hyg Infek-
tionskrankh, 146:6:491-503, August 1960.
(In German)
- 327 Sprockhoff, O.:
"Prophylaxis and Therapy of Local Re-
actions Following Smallpox Inoculation,"
Hippokrates, 31:280-283, 30 April 1960.
(In German)

Index Medicus, 1:10:A-1200, October 1960.
- 328 * Stewart, Robert B., and Andrews,
Suzanne L.:
"Studies on the Pathogenesis of Vac-
cinia Virus Infection of Mice,"
Bacteriol Proc, 1960. p. 125.
- 329 * Stimson, Philip Moen, and Hodes, Horace
Louis:
"Vaccination Against Smallpox." In A
Manual of the Common Contagious Diseases,
5th Edition, Lea & Febiger, Philadelphia,
1956. pp. 363-386.
- 330 * Stoeckenius, Walther, and Peters,
Dietrich:
"Studies of the Virus of Variola-Vac-
cine," Z Naturforsch, Ausg. B., 10b:2:
77-80, 1955.
(In German)
- 331 Sukhach, I.; Ursake, R.; and
Tomesku, V.:
"Possible Use of Vaccine Prepared from
a Virus of Turkey Smallpox Against
Pigeon Smallpox," Studii si cercetari
inframicrobiol microbiol si parazitol
Acad RPR, 7:3-4:403-411, 1956.

Referat Zhur Biol, 8:33639, 1958.
- 332 * Summers, Phebe W.:
Graphic Summary Selected Infectious
Diseases of Importance to the Public
Health, Camp Detrick, Frederick, Mary-
land, 3rd Printing, 1954. p. 4.
- 333 Szathmary, J.:
"Studies on Hemagglutination-Preventive
Antibody Formation after Subcutaneous
Administration of Vaccinia Virus in Rab-
bits," Kiserletes Orvostudomány, Budapest,
9:3:235-238, July 1957.

Curr List Med Lit, 33:5:46177, May 1958.

- 334 * Szathmary, J.:
"Studies on the Non-specific Inhibition by Some Body Fluids Against Vaccinia Haemagglutination," Arch ges Virusforsch, 10:4:540-549, October 1961.
- 335 Szathmary, J., and Holik, S.:
"Inhibiting Effect of Non-specific Body Fluids on Vaccinia Virus Hemagglutination," Gyermekgy-ogyaszat, 11:51-54, February 1960.
(In Hungarian)
Index Medicus, 1:7:A-826, July 1960.
- T
- 336 * Tagaya, I., and Oda, M.:
"Growth of Vaccinia Virus in HeLa Cells with Special Reference to the Production of Soluble Antigens," Japan J Med Sci & Biol, 11:6:483-499, December 1958.
- 337 * Tamm, I., and Overman, J.R.:
"Relationship Between Structure of Benzimidazole Derivatives and Inhibitory Activity on Vaccinia Virus Multiplication," Virology, 3:1:185-196, February 1957.
- 338 Tanchenko, T.F.:
"The Experimental Effect of Purified Microcide on Fixed Rabies and Smallpox Viruses," Mikrobiol Zhur, 18:4:38-43, 1956.
Technical Translations, 1:7:213, April 1959.
- 339 Thanawala, J.K.:
"Smallpox in Children," Indian J Pediat, 23:99:153-156, 1956.
Excerpta Med, XVII:3:1834, 1957.
- 340 * Tigertt, William D.:
"Smallpox." In Recent Advances in Medicine and Surgery, Medical Science Publication. (Based on Professional Medical Experiences in Japan and Korea 1950-1953), Army Medical Service Graduate School, Walter Reed Army Medical Center, Washington, D.C., II:4:339-344, 19-30 April 1954.
- 341 * Todd, W.M., and Randall, C.C.:
"The Feulgen Reaction of Fowlpox Inclusions after Lipid Extraction," A.M.A. Arch Pathol, 66:150-153, August 1958.
- 342 * Topchii, M.K.:
"Interference Between Asiatic Fowl Plague and Vaccinia Viruses," Problems Virol, 3:5/6:327-329, 1958.
- 343 * Trentin, J.J., and Ferrigno, M.A.:
"Control of Mouse Pox (Infectious Ectromelia) by Immunization with Vaccinia Virus," J Natl Cancer Inst, 18:5:757-767, 1957.
- 344 Trub, C.L.P., and Sauer, W.:
"Observations and Experiences During Smallpox Vaccination in the Province of North-Rhine-Westphalia," Arch Hyg u Bakterirol, 139:432-443, 1955.
Bull Hyg, 31:795, 1956.
- 345 * Tyndall, R.L., and Ludwig, E.H.:
"Nutritional Requirements for the Production of Poliovirus Type II, Coxsackie B3, and Vaccinia Viruses by Continuous Animal Cell Cultures," J Bacteriol, 80:1:96-103, July 1960.
- U
- 346 * Uchitel, I.Ia.:
"Experimental Therapy of Rabies and Vaccinia Encephalitis in Rabbits," Problems Virol, 3:3:185-186, 1958.
(In English)

347

- * Usher, Glenn S.:
"The Feasibility of Smallpox Eradication," Public Health Repts., 75:1:37-42, 1960.

V

348

- Vozza, R., and Pauluzzi, S.:
"Use of the Fluorescent Antibody Technic in Experimental Vaccinal Keratoconjunctivitis," Riv ist sieroterapital, 34:443-448, November-December 1959.

(In Italian)

Index Medicus, 1:7:A-833, July 1960.

349

- * Vrochinskii, K.K.:
"Organization of Mass Smallpox Vaccination at Rural Community," Zhur Mikrobiol Epidemiol Immunobiol, 30:9:139-141, September 1959.
(In Russian)

W

350

- * Wang, S.P., and Grayston, J.T.:
"Titration of Smallpox Vaccines from Ten Countries Sent to East Pakistan During the 1958 Smallpox Epidemic," Bull World Health Organization, 20:6:1260-1263, 1959.

351

- Wesslen, T.:
"The Production of Smallpox Vaccine in Tissue Culture of Bovine Embryonic Skin," Arch ges Virusforsch, 6/5:430-438, 1956.
Excerpta Med, IV:9:2512, 1956.

352

- * Westwood, J.C.; Phipps, P.H.; and Boulter, E.A.:
"The Titration of Vaccinia Virus on the Chorio-allantoic Membrane of the Developing Chick Embryo," J Hyg, 55:1:123-139, March 1957.

353

- * Wheeler, C.E., and Cawley, E.P.:
"Milkers' Nodules," Southern Med J, 49:9:973-978, 1956.

354

- * Wielenga, G.; van Tongeren, H.A.E.; Ferguson, A.H.; and van Rijssel, Th.G.:
"Prenatal Infection with Vaccinia Virus," Lancet, 1:7171:258-260, February 1961.

355

- * Wigand, R.:
"Haemagglutination of Vaccinia Virus. I. Method. II. Results with Haemagglutination-Inhibition," Arch ges Virusforsch, 7:1:47-64;66-78, 1956.

356

- * Wigand, R.:
"On the Anticomplement Activity of Antigens from Normal HeLa Cell Cultures and Those Infected with Vaccinia Virus," Arch ges Virusforsch, 10:139-149, 1960.

357

- * Wigand, R., and Nielsen, G.:
"On the Problem of the Existence of Soluble and Virus-Bound Components of Complement-Binding Antigen and Hemagglutinin of Vaccinia Virus," Arch ges Virusforsch, 10:215-225, 1960.

358

- Willcox, R.R.:
"Montine Vaccinia," Brit J Clin Practice, 11:12:925, December 1957.
Curr List Med Lit, 33:4:32174, April 1958.

359

- Winkel, K.Zum.:
"Observations on Cowpox," Dermatol Wochschr, 137:11:293-296, 15 March 1958.
Curr List Med Lit, 34:30160, July-December 1958.

360

- * Woodroffe, G.M.:
"The Heat Inactivation of Vaccinia Virus," Virology, 10:3:379-382, March 1960.

- 361 * Woodroffe, Gwendolyn M., and Fenner, Frank:
"Genetic Studies with Mammalian Pox-viruses. IV. Hybridization Between Several Different Poxviruses," Virology, 12:2:272-282, 1960.
- 362 * Woodward, Marie F., and Clark, Alice B.:
"Hospital Decontamination with Beta-Propiolactone Vapor," U S Armed Forces Med J, 11:4:459-462, April 1960.
- 363 * World Health Organization Technical Report Series 180,
"Requirements for Biological Substances. 5. Requirements for Smallpox Vaccine," Report of a Study Group, Geneva, Switzerland, 1959.
- 364 Wynohradnyk, V., and Cirstet, I.:
"Vaccination Against Sheep Pox with Live Attenuated Virus, Adsorbed on Aluminium hydroxide," Anuar inst pat igiene anim, 6:195-204, 1956.
(In Roumanian)
Vet Bull, 27:456, 1957.
- 365 Yaol, H.; Nakamura, W.; and Tomino, H.:
"Promoting Effect of Vaccinia Virus (VVL) on Nucleic Acid Synthesis of Escherichia coli," Yokohama Med Bull, 10:131-139, June 1959.
Index Medicus, 1:1:A-66, January 1960.
- 366 * Younger, J.S., and Rubinstein, G.:
"Separation of a Soluble Hemagglutinin from Vaccinia Virus by a Floation Method," Virology, 8:3:386-388, July 1959.
- 367 Yuan, Tsin-chzhi; Li, Bao-tsi; and Shen, Zhun-syan:
"Study of a Mildly Virulent Vaccine Strain of Sheep Smallpox Vaccine Virus. I. Cultivation of a Virus of Sheep Smallpox in a Developing Chick Embryo," Syuyun shou syuebao, 2:1:15-24, 1957.
Referat Zhur Biol, 8:33621, 1958.
- 368 Zeitlenok, N.A.; Konosh, O.V.; and Pille, E.R.:
"Effect of Metabolites and Antimetabolites of Tricarboxylic Cycle Acids on the Multiplication of Small Pox Vaccinia Virus in Chick Embryos," Doklady Akad Nauk S. S. S. R., 118:595-597, 1958.
Intern Abstr Biol Sciences, 13:2:3176:274, May 1959.
- 369 * Zeitlenok, N.A.; Konosh, O.V.; and Pille, E.R.:
"Relationship Between Various Acridine Compounds in Their Effect on Vaccinia Virus Multiplication and on Its Erythrocyte-Agglutinating Capacity," Problems Virol, 4:1:106-109, January-February 1959.
(In English)
- 370 Zeitlenok, N.A.; Pille, E.R.; and Konosh, O.V.:
"A Study of the Physiology of Reproduction of Vaccinia and Influenza Viruses Using Metabolic Inhibitors," Acta Virol, 1:2:65-77, April-June 1957.
(English Ed)
Excerpta Med, IV:11:3494, December 1958.
- 371 Zeitlenok, N.A.; Pille, E.R.; and Konosh, O.V.:
"Effect of Acridine Compounds on Multiplication of Vaccinia Virus," Voprosy Virusologii, 1:2:16-20, March-April 1956.
Curr List Med Lit, 30:5:61563, November 1956.
- 372 Zellweger, H.:
"Vaccination Against Smallpox During Pregnancy," J Med Liban, 10:2:118-122, 1957.
Excerpta Med, VI:12:Pt 2:5856, 1958.

AUTHOR INDEX

Asterisk denotes senior author.

- Abel, Pamela, 144
Ackerman, W. Wilbur, 188
Acocella, M., 56
Ahmed, M.K., 29
Akatova, E.M., 208
Akhmedov, A.M., 1*
Alba Naranjo, Q.F., 291
Alfred, L.J., 281
Allison, A.C., 2*, 277
Allsop, P.A., 3*
Alonso, M. Luisa, 4*, 101, 108, 109
Andersen, E.K., 5*
Anderson, H.D., 104
Andres, K.H., 6*
Andrews, Suzanne L., 328
Angerer, Sigrid, 224
Arata, L.A., 126
Armitage, P., 7*
- Badon, A., 305
Barriere, H., 35
Bartell, Pasquale, 289
Batten, P.J., 8*
Bauer, D.J., 311
Beaudette, Fred Robert, 9*-14*
Bektemirov, T.A., 15*
Belyaev, A.A., 16*
Belyavin, G., 157
Benard, H., 17*
Berge, T.O., 166
Berger, K., 282, 283
Bernard, H., 18*
Bernkopf, H., 19*, 254
Beunders, Bart J.W., 20*
Bivins, J.A., 14
Bjornberg, A., 21
Bjornberg, R., 21*
Blasi, R., 299
Bobrowa-Porwit, Z., 22*
Boccardo, H., 286
Boquien, Y., 23*
Borgono, J.M., 286
Bose, K.S., 24*
Boudet, Boulad, 72
Boulter, E.A., 25*, 352
Bousser, J., 26*
- Bradley, W.H., 223
Brauss, F.W., 27*
Breton, A., 273
Briggs, Margaret J., 145
Briody, Bernard A., 28*
Brody, J.A., 29*
Brown, Arthur, 30*-32*, 219
Brown, C.M., 33*
Brunfau, Y., 35
Bugbee, L.M., 34*
Bureau, Y., 35*
Burnet, F.M., 36*, 90
Burrous, M.J., 198
- Cabasso, V.J., 37*
Cairns, J., 38*
Cajal, N., 39*
Campillo, Saing C., 40*, 41*
Cangemi, V.F., 42*
Carminati, G.M., 43*
Carrere, L., 44*, 45*
Carson, M.J., 46*
Cassel, William A., 48*-50*
Cavallero, F., 51*, 52*
Cawley, E.P., 353
Chakravarthy, S., 53*
Chassagne, P., 54*
Chlap, Z., 22
Christol, D., 26
Cirstet, Y., 364
Clark, Alice B., 362
Cocchi, P., 55*, 56*
Cockburn, W.C., 57*
Cohen, W.B., 58*
Cook, E.B.M., 138
Costachel, O., 59*
Cramblett, H.G., 61*
Crisalli, M., 62*
Cross, R.M., 57, 63*-65*
Cutchins, Ernest, 66*, 67*
Cutting, Windsor, 161
- Daguin, M., 80
Datt, N.S., 68*
Dauphin, G., 23

Dawson, Frederick W., 69*
 De Almeida, S.F., 299
 De Angelis, P., 70*
 De Burgh, P.M., 71*
 DeJean, Viallefont, 72*
 de La Fuente, E.A., 73*
 de Lavergne, E., 74*
 Desmons, F., 273
 de Vasconcellos, C., 75*
 Díaz Trigo, A., 137
 Dixon, C.W., 76*
 Donnell, G.N., 46
 Dosch, F., 77*
 Downie, A.W., 3, 57, 78*, 81, 223,
 271
 Driessen, Jaap H., 20, 79*
 Duckworth, Marjorie J., 271
 Duhamel, Y., 80*
 Dumbell, K.R., 3, 57, 81*, 255
 Durasova, M.N., 209
 Dzhabarov, D., 1
 Dzhabadov, R.B., 82*

Eastwood, J., 83*
 Ehrengut, W., 84*, 131
 Elsner, Virginia R., 30
 England, B., 166
 Epstein, M.A., 85*
 Espmark, A., 191
 Etheridge, J.E., Jr., 86*
 Ezhich, J., 87*

Fater, Barbara, 49, 50
 Fayolle, J., 305
 Fenner, Frank, 88*-91*, 361
 Ferguson, A.H., 354
 Ferrigno, M.A., 343
 Fontaine, G., 273
 Fox, M.J., 92*
 Frederiksen, H., 93*-95*
 Frenckel, H.S., 96*, 97*
 Freud, Paul, 98*
 Fuhrer, B., 297
 Fujita, K., 256

Galistin, P., 18
 Gallardo, Eduardo, 101, 108, 109
 Galloway, W.H., 99*

Gall-Palla, V., 87
 Gamba, Suarez y, 100*
 Garcia-Gancedo, Angel P., 101*,
 102*, 108, 109
 Gaylord, William H., Jr., 103*
 Gebhard, W.H., 104*
 Germanova, K.I., 106*, 107*
 Gervais, P., 54
 Gil, C., 108*, 109*
 Gilgenkrantz, S., 74
 Glodzyauskas, V.I., 110*
 Gispén, R., 111*
 Gonzalez, L.B., 112*
 Gordon, R.R., 113*
 Govallo, V.I., 114*
 Grayston, J.T., 350
 Green, Maurice, 115*
 Greenham, L.W., 79
 Gubler, F., 116*
 Gurvich, E.B., 206

Haff, R.F., 117*
 Hagiwara, K., 153
 Hahn, Nicholas, 118*-120*
 Halbrohr, J.G., 121*
 Hall, M., 122*
 Hanafusa, Hidesaburo, 123*, 124
 Hanafusa, Teruko, 124*
 Hancock, J.A., Jr., 179
 Hansen, F., 125*
 Hansen-Pruss, O.C.E., 261
 Harger, R.W., 126*
 Harlem, O.K., 127*
 Helman, J., 128*
 Herrlich, Albert, 129*-134*, 199,
 217
 Hervouet, D., 23
 Herzberg, K., 135*
 Hodes, Forace Louis, 329
 Hoek, Chris van den, 20
 Hoffman, Robert K., 69
 Hogben, G.H., 136*
 Holik, S., 335
 Holmes, I.H., 144, 145
 Hosbach, Richard E., 98
 Hoyle, A.R., 71
 Hudson, C.B., 12-14
 Huriez, C., 273

Mandin, J., 44, 45
 Manguso, L., 303
 Mannweiler, E., 6
 Marchionini, A., 203*
 Marennikova, S.S., 204*-209*
 Markmann, R., 137
 Markowicz, J., 290
 Marsden, J.P., 210*
 Mascoli, C.C., 211*
 Masilamani, S.E.D., 269
 Mastiukova, Iu N., 15, 207, 208,
 212*, 320-322
 Mathen, K.K., 213*
 Mathey, William J., Jr., 214*
 Mayer, Karl, 215*
 Mayr, Anton, 132-134, 216*-218*,
 304
 Mayyasi, Sami A., 31, 32, 219*
 Mazurenko, N.P., 220*, 221*
 Mazzaracchio, V., 222*
 McBean, Lena M., 99
 McCarthy, K., 78, 223*
 McClean, D., 57, 64, 65
 McCrea, J.F., 224*-226*
 McCullough, N.B., 61
 McDonald, J.R., 193, 194
 McKendrick, G.D.W., 136
 McLaren, LeRoy C., 227*
 McLean, D., 228*
 Meade, Richard H., III, 229*
 Meers, P.D., 230*, 231*
 Melki, G.R., 17
 Meloni, G.A., 51, 52
 Melville, F.S., 271
 Merklen, F.P., 17
 Metcalf, D.J., 71
 Mika, Leonard A., 232*, 274
 Mikhailov, M.G., 1
 Miller, B.R., 14
 Miller, H.G., 233*
 Mirabal Font, E., 318
 Miroshnikova-Rekkandt, M.A., 234*
 Miyata, Shojiro, 235*
 Miyazaki, Yoshio, 236*
 Mizuguchi, Y., 237*
 Moore, I.F., 37
 Moreira, Cicero A., 238*, 239*
 Morita, Kanemitsu, 240*
 Moritsch, H., 77, 241*, 242*
 Morozov, M.A., 243*-245*
 Motameni, S.T., 93

Moteiunas, L.I., 246*
 Muller-Rentzsch, W., 125
 Munz, Eberhard, 134, 200
 Muroya, Kozo, 247*

 Nagano, Y., 248*
 Nakamura, M., 188
 Nakamura, W., 365
 Nanning, W., 111, 249*
 Nasemann, T., 203
 Nastac, E., 39, 59
 Nathorst-Windahl, G., 260
 Negrete, Ana M., 41
 Neogy, K.N., 298
 Neth, W.F., 250*
 Nguyen-Van-Ai, 275
 Nicol, C.G., 136
 Nielsen, G., 6, 357
 Nii, Shiro, 251*
 Nishimura, Chiaki, 252*, 253*
 Nishmi, M., 19, 254*
 Nizamuddin, M.D., 255*
 Noguchi, Y., 256*
 Nonclercq, M.E., 180, 257*, 258*
 Novikov, B.P., 259*

Oberg, G., 260*
 Oda, M., 336
 Oehme, J., 187
 Officer, Julius E., 30-32
 Ogorodnikova, Z.I., 208, 209
 Olansky, S., 261*
 Oliveras de la Riva, C., 262*
 O'Loughlin, Jean, 224-226
 Orfei, Zefferino, 222, 263*
 Orleans, E.S., 68
 Overman, John R., 264*, 265*,
 337
 Ow, Shintoku, 236, 266*
 Oya, Akira, 267*, 268*

Palikovich, U., 87
 Pandit, C.G., 269*
 Pastukhov, B.N., 270*
 Pauluzzi, S., 348
 Payne, A.M.M., 57
 Payne, Francis E., 188
 Peirce, E.R., 271*

Iaroslavskaja, N.V., 212
Iida, Tsuyoshi, 236
Ilie, B., 59
Ink, J., 137*
Irons, J.V., 138*
Isaacs, A., 139*
Ishiwara, K., 256
Iumasheva, M.A., 206
Ivanoff, M.I., 140*

Jacono, A., 303
Jagjit, Singh, 141*
Jansen, J., 142*
Janssen, Robert J., 69
Jaureguimolina, A., 95
Joklik, W.K., 143*-146*
Jones, William P., 67
Jordan, R.T., 147*

Kabaev, K., 285
Kahlbaugh, R.A., 250
Kahn, Robert E., 148*
Kaiden, Ryo, 149*-151*
Kalra, S.L., 152*
Kamahora, Juntaro, 124, 153*, 162,
163
Kameyama, Susumu, 162, 163
Kaplan, Colin, 57, 64, 65, 154*-
158*
Kapsenberg, J.G., 159*
Karim, A.B.M.F., 29
Karparov, A., 160*
Kasel, J.A., 61
Kato, Shiro, 153, 161*-163*
Kawecki, Zbigniew, 164*
Kempe, C.H., 165*, 166*
Kempe, L.L., 147
Kern, Arthur B., 167*
Khe-Min, L., 168*
Khodoprovski, A.Y., 312
Kibrick, S., 169*
Kikiela, M., 307
Kim, K.H., 170*, 171*
Kisch, Alexander L., 172*
Kobayashi, I., 173*
Kojima, Y., 248
Konosh, O.V., 368-371
Konstantinova, V.I., 244
Koprowska, I., 174*

Koprowski, Hilary, 174
Koroleva, V.G., 106
Korol'kova, M.I., 245
Kowalczykova, J., 22
Kozikowski, Edmund, 119
Krasnitskaia, K.M., 175*
Krasnov, V.A., 176*
Krause-Wichmann, 177*
Kremer, V.E., 178*
Kreshover, S.J., 179*
Krishnan, G.N.V., 269
Kunz, L.J., 169

Lahiri, D.C., 298
Laigret, J., 180*
Lansberg, H.P., 111
Lavillaureix, Jean, 180, 181*
Lazarus, A.S., 182*
Leahy, Hugh F., 183*
Leblanc, P., 180
Le Bourdelles, B., 184*
Lee, C.D., 185*
Lemberg, A.A., 221
Le Moyne, M.T., 74
Lerner, A.B., 323
Leroux, A., 80
Levy, G., 257
Lhermitte, R., 23
Li, Bao-tsi, 367
Lieske, H., 6
Like, A.A., 34
Linnen, H.J., 186*
Linneweh, F., 187*
Lippelt, H., 6
Loh, Philip C., 188*
Longobardi, A., 58
Lubke, A., 189*
Ludwig, E.H., 345
Lundstrom, R., 190*, 191*
Lyon, E., 192*

MacCallum, F.O., 193*, 194*
MacIver, D.P., 195*
Macpherson, I.A., 196*
Maffia, Anthony J., 98
Magee, W.E., 197*, 198*
Magrath, D.I., 202
Mahnelt, Helmut, 199*, 200*
Maitland, H.B., 201*, 202*, 279, 280

Peters, Dietrich, 6, 272*, 330
 Phelps, L.N., 211
 Phipps, P.H., 352
 Pica, V.B., 92
 Pierret, R., 273*
 Pille, E.R., 368-371
 Pirsch, James B., 232, 274*
 Pizarro, Enriqueta, 100
 Plagnol, H., 275*
 Ponomareva, N.A., 209
 Porge, J.F., 276*
 Porterfield, J.S., 277*
 Postlethwaite, R., 278*-280*
 Pourquier, M., 44, 45
 Preiss, John W., 226
 Przybylkiewicz, Z., 22
 Pumper, R.W., 281*
 Puntigam, F., 282*, 283*

Quichaud, J., 26

Ramon Bierge, J., 262
 Ranby, P.D., 284*
 Randall, C.C., 292, 341
 Rataj, R., 290
 Rezuikh, A.I., 285*
 Ristori, C., 286*
 Robin, C., 23
 Rodrick, J.McN., 146
 Ronda, Lain E., 287*, 288*
 Rosanoff, Eugene, 289*
 Rosin, A., 19
 Rouchon, 305
 Rozowski, T., 290*
 Rubinstein, G., 366
 Ruegsegger, J.M., 37
 Ruiz Sanchez, F., 291*
 Rustow, H., 84
 Ryden, F.W., 292*

Saad, E.A., 75
 Sackett, D.L., 281
 Sagik, B.P., 197
 Salchow, U.A., 293*
 Salmon, M.J., 294*
 Salzman, Norman P., 295*
 Sampey, Alex W., 296*
 Sarateanu, D., 297*

Sarkar, J.K., 298*
 Sarmento, F.De M., 299*
 Sarver, R.G., 250
 Satmari, Baranyai, 300*
 Sato, Y., 153
 Sauer, W., 344
 Saunders, J.C., 301*
 Savel'eva, A.M., 107
 Savicheva, A.G., 312
 Sawai, Y., 302*
 Scalfi, L., 303*
 Schiff, Bencel, 167
 Schaurmans, D.M., 219
 Schwobel, W., 304*
 Seal, S.C., 269
 Sedallian, P., 305*
 Seelemann, K., 6, 306*
 Segal, P., 307*
 Severin, G., 308*
 Sharp, D. Gordon, 264, 309*, 310*,
 319
 Sheehy, J.P., 94
 Sheek, M.R., 198
 Sheffield, F.W., 311*
 Shen, Zhun-syan, 367
 Shklyayev, I.P., 285
 Shlyakov, E.N., 312*
 Shpigunov, F.A., 313*-315*
 Siegert, R., 316*, 317*
 Sierra, G., 102
 Sifontes, J.E., 318*
 Silva, J.R., 75
 Smith, J.G., Jr., 261
 Smith, K.O., 310, 319*
 Solov'ev, V.D., 320*-322*
 Sommacal, D., 323*
 Sousa Castaneda, A., 325
 Sousa Iglesias, A., 324*, 325*
 Spies, K., 326*
 Sprockhoff, O., 327*
 Stahmann, M.A., 115
 Stanfield, L.V., 211
 Stephenson, Sylvia M., 311
 Stewart, Robert B., 34, 328*
 Stimson, Philip Moen, 329*
 Stoeckenius, Walther, 330*
 Sukhach, I., 331*
 Summers, Phebe W., 332*
 Swim, H.E., 117
 Syverton, Jerome T., 227
 Szathmary, J., 333*-335*

Szwed, C.F., 61

Tagaya, Isamu, 252, 253, 336*
Takahashi, Michiaki, 163
Tamm, I., 265, 337*
Tanaka, H., 302
Tanchenko, T.F., 338*
Terragna, A., 62
Thanawala, J.K., 339*
Tigertt, William D., 340*
Tissier, M., 18
Todd, W.M., 341*
Tomesku, V., 331
Tomino, H., 365
Topchii, M.K., 342*
Torresmunoz, N., 95
Trentin, J.J., 343*
Triaui, R., 275
Trub, C.L.P., 344*
Tyndall, R.L., 345*

Uchitel, T.Ia., 346*
Ursake, R., 331
Usher, Glenn S., 347*
Utz, J.P., 61

Valentine, R.C., 2, 81, 158
Valicenti, Patrick W., 98
Valilevene, D.P., 110
van Rijssel, Th.G., 354
van Tongeren, H.A.E., 354
Vozza, R., 348*
Vrochinskii, K.K., 349*

Waddell, W.W., Jr., 86
Wang, S.P., 350*
Warren, George H., 289
Warren, Joel, 66, 67
Weber, J., 131
Wesslen, T., 260, 351*
Westwood, J.C., 352*
Westwood, Marguerite A., 139
Wheeler, C.E., 353*
Wielenga, G., 354*
Wigand, R., 355*-357*
Willcox, R.R., 358*
Wilson, Benjamin J., 120

Winkel, K. Zum, 359*
Wittmann, G., 218
Woodroffe, Gwendolyn M., 91, 360*,
361*
Woodward, Marie F., 362*
World Health Organization, 363*
Wynohradnyk, V., 364*
Wysocznska, Halina, 164

Yaoi, H., 365*
Yasaki, Y., 302
Younger, J.S., 366*
Yuan, Tsien-chzhi, 367*

Zeitlenok, N.A., 368*-371*
Zellweger, H., 372*

UNCLASSIFIED

UNCLASSIFIED